


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU R-24-9-15				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-02458			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		342 FSL 1783 FEL		SWSE	24	9.0 S	15.0 E	S		
Top of Uppermost Producing Zone		850 FSL 2282 FEL		SWSE	24	9.0 S	15.0 E	S		
At Total Depth		1452 FSL 2247 FWL		NESW	24	9.0 S	15.0 E	S		
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1452			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 835			26. PROPOSED DEPTH MD: 5907 TVD: 5660				
27. ELEVATION - GROUND LEVEL 6107			28. BOND NUMBER WYB000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 5907	15.5	J-55 LT&C	8.3	Premium Lite High Strength	270	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Heather Calder				TITLE Production Technician			PHONE 435 646-4936			
SIGNATURE				DATE 07/09/2013			EMAIL hcalder@newfield.com			
API NUMBER ASSIGNED 43013522730000				APPROVAL  Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU R-24-9-15
AT SURFACE: SW/SE SECTION 24, T9S R15E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 3,355'
Green River	3,355'
Wasatch	5,945'
Proposed TD	5,907'(MD) 5,660' (TVD)

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 3,355' – 5,945'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: GMBU R-24-9-15

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	5,907'	15.5	J-55	LTC	4,810 2.56	4,040 2.15	217,000 2.37

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU R-24-9-15

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	3,907'	Prem Lite II w/ 10% gel + 3% KCl	270 880	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

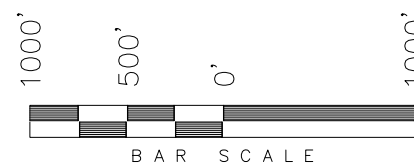
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2013, and take approximately seven (7) days from spud to rig release.

T9S, R15E, S.L.B.&M.**NEWFIELD EXPLORATION COMPANY**

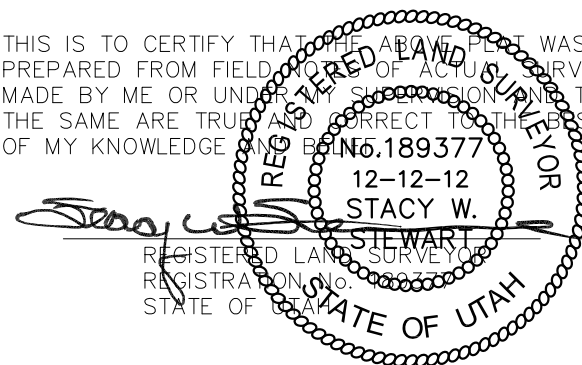
WELL LOCATION, R-24-9-15, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 24, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, R-24-9-15, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 24, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

**NOTES:**

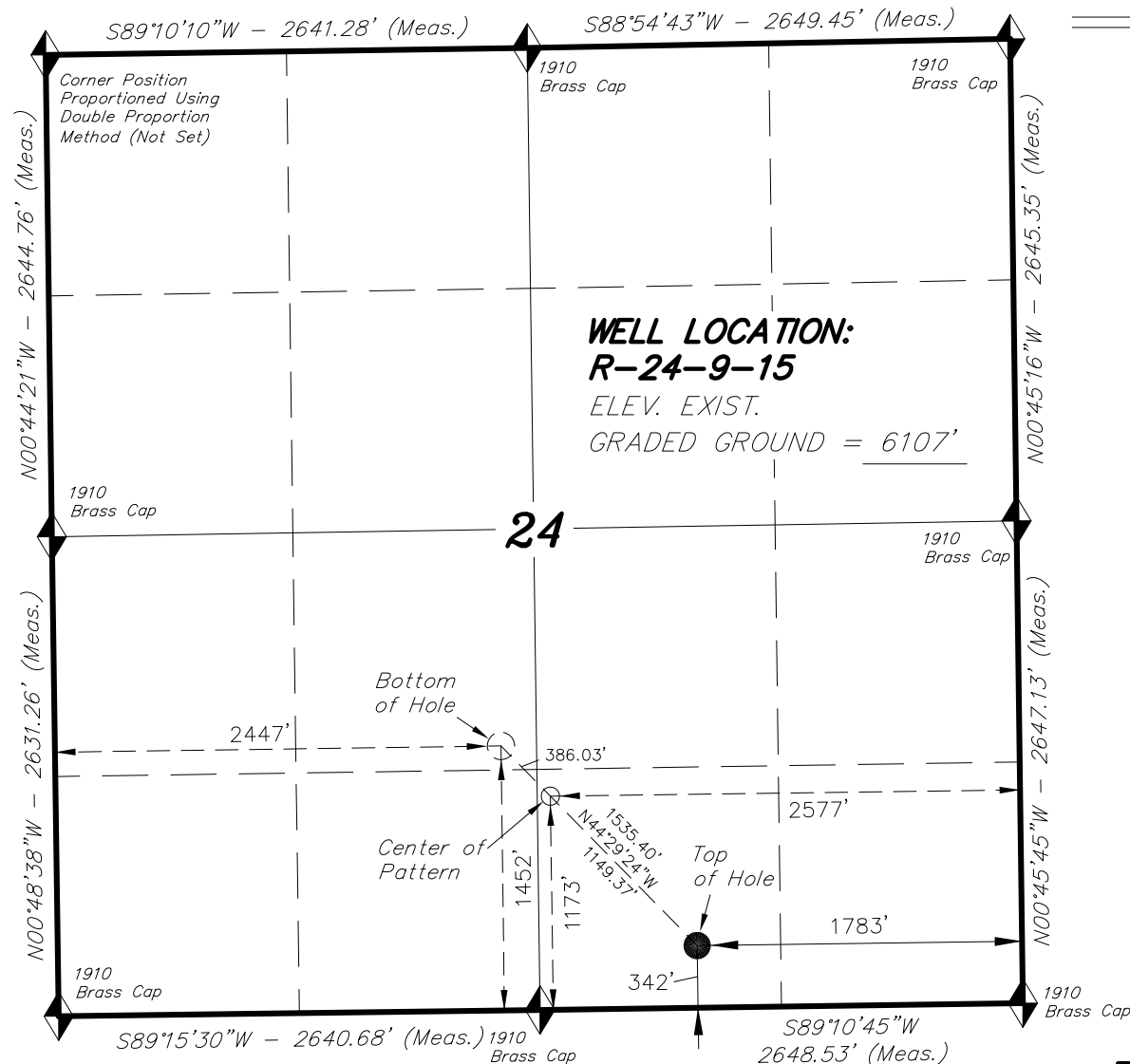
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD RECORDS OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 12-11-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 12-12-12	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	



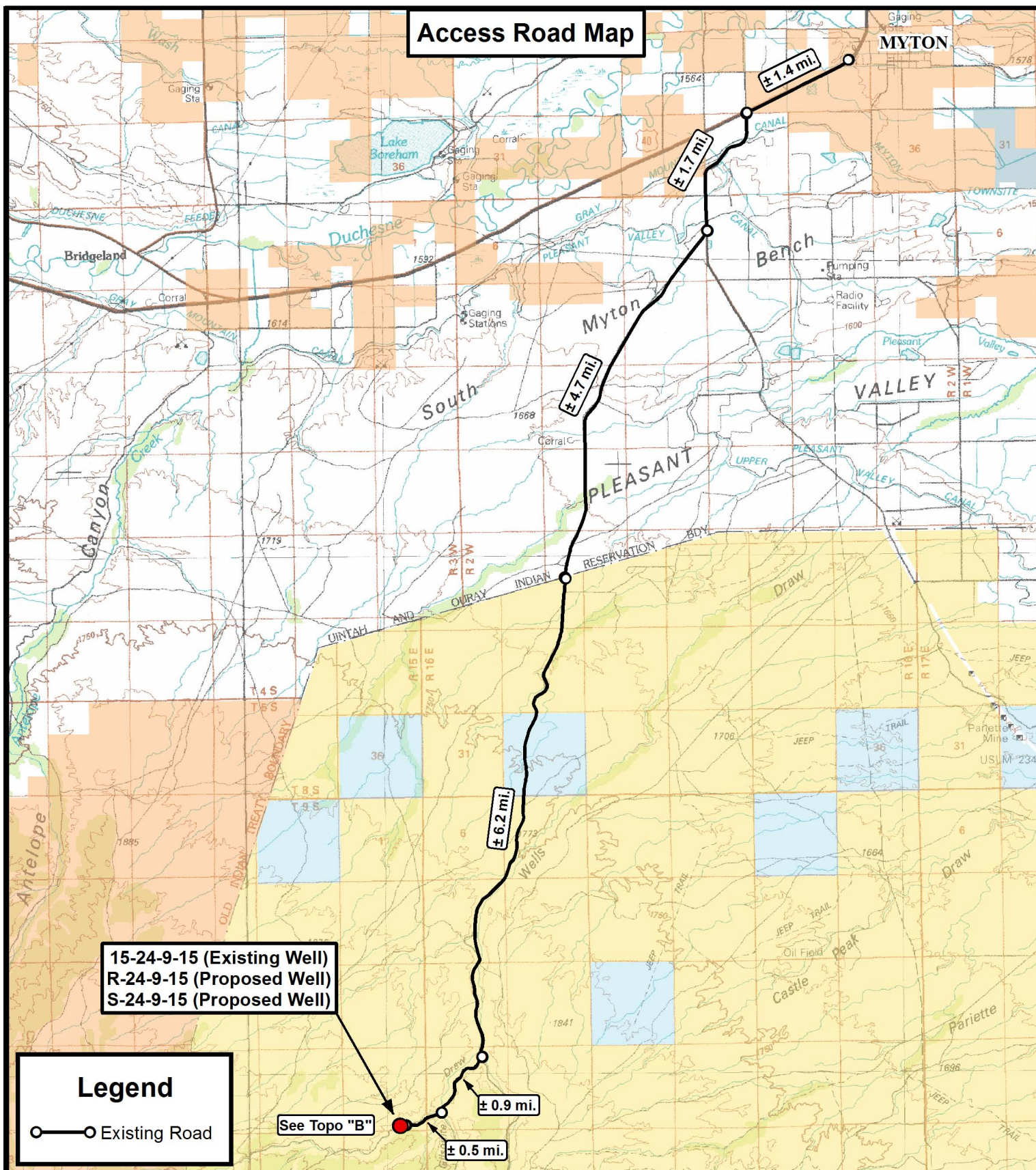
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (SURFACE LOCATION) LATITUDE = 40°00'36.38" LONGITUDE = 110°10'38.92"	NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 40°00'47.35" LONGITUDE = 110°10'52.54"
NAD 27 (SURFACE LOCATION) LATITUDE = 40°00'36.51" LONGITUDE = 110°10'36.38"	NAD 27 (BOTTOM HOLE LOCATION) LATITUDE = 40°00'47.49" LONGITUDE = 110°10'49.99"
NAD 83 (CENTER OF PATTERN) LATITUDE = 40°00'44.59" LONGITUDE = 110°10'49.12"	NAD 27 (CENTER OF PATTERN) LATITUDE = 40°00'44.73" LONGITUDE = 110°10'46.57"

RECEIVED: July 09, 2013

Access Road Map



**Tri State
Land Surveying, Inc.**

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F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

15-24-9-15 (Existing Well)
R-24-9-15 (Proposed Well)
S-24-9-15 (Proposed Well)
SEC. 24, T9S, R15E, S.L.B.&M. Duchesne County, UT.

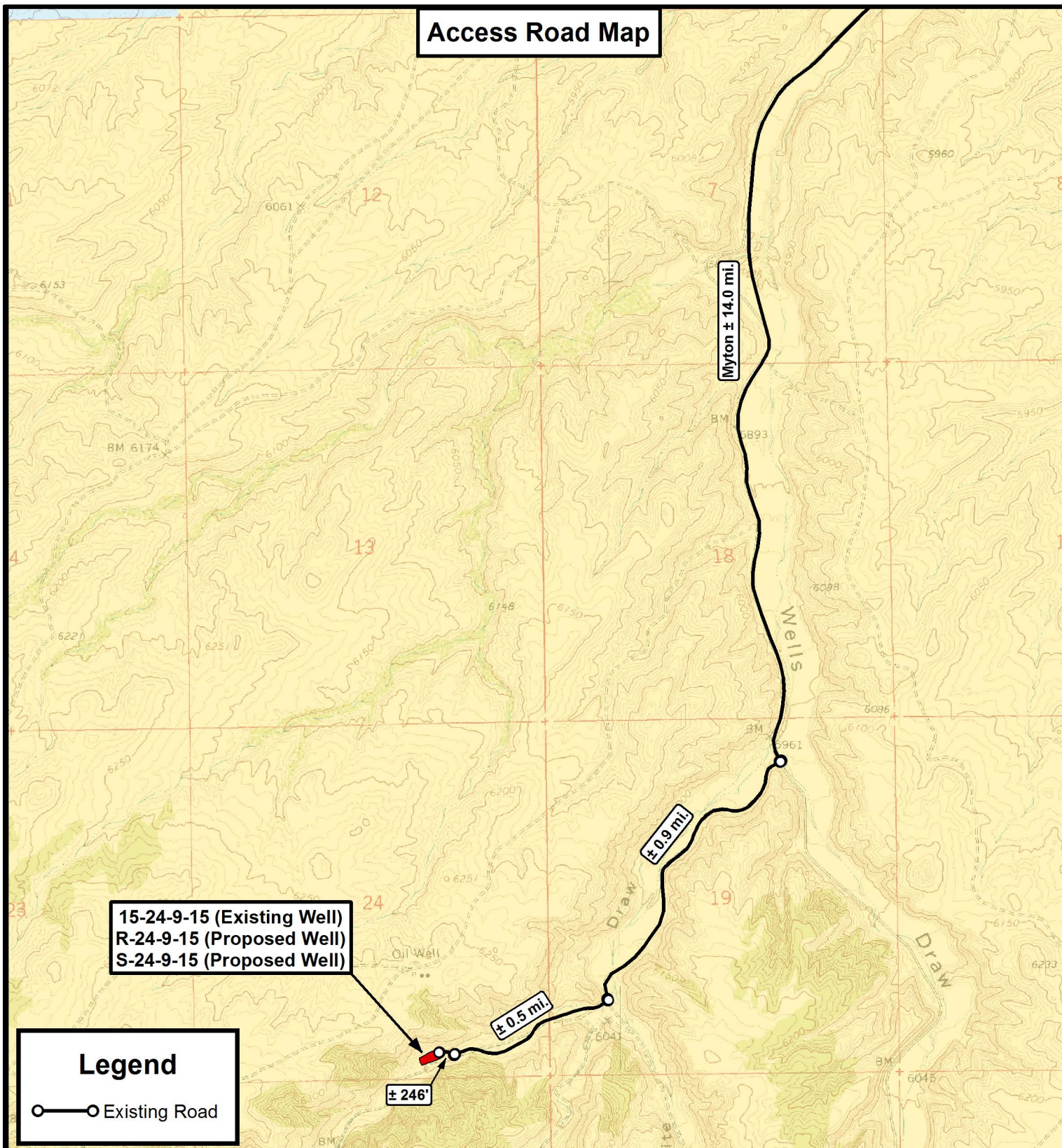
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-13-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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**NEWFIELD EXPLORATION COMPANY**

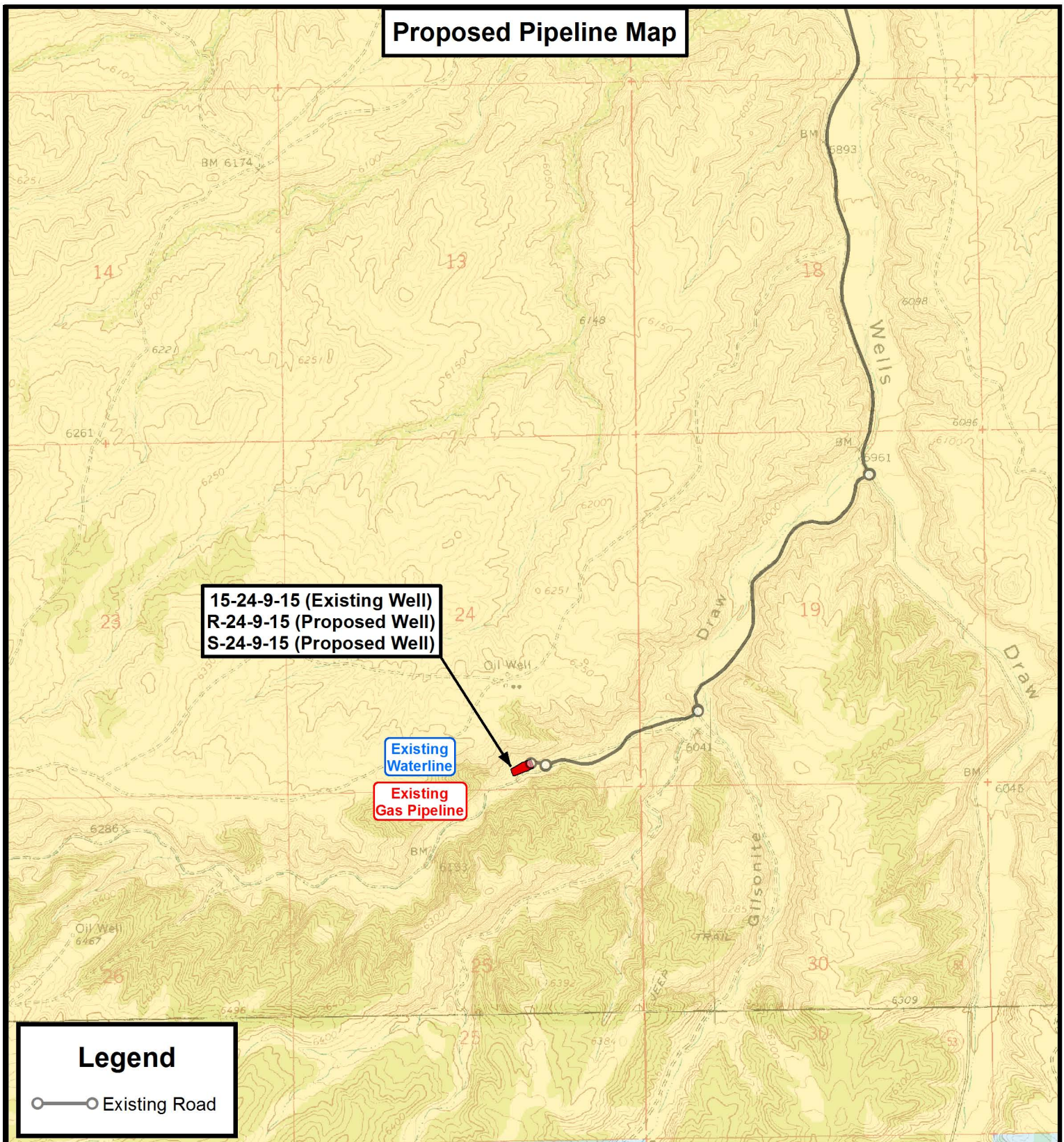
15-24-9-15 (Existing Well)
R-24-9-15 (Proposed Well)
S-24-9-15 (Proposed Well)
SEC. 24, T9S, R15E, S.L.B.&M. Duchesne County, UT.

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DATE:	12-13-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

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Proposed Pipeline Map



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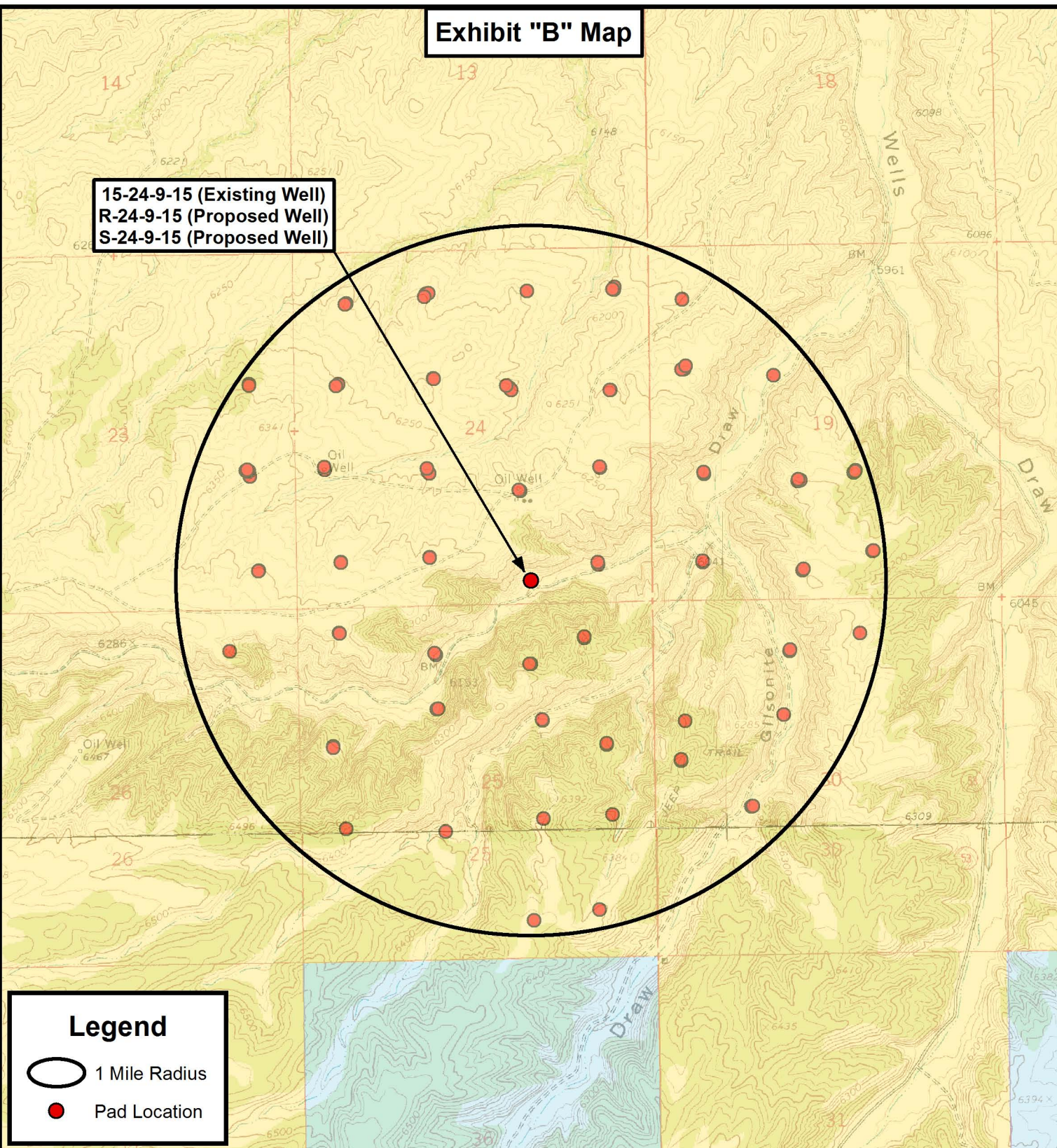
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DATE:	12-13-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

Exhibit "B" Map

15-24-9-15 (Existing Well)
 R-24-9-15 (Proposed Well)
 S-24-9-15 (Proposed Well)



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**NEWFIELD EXPLORATION COMPANY**

15-24-9-15 (Existing Well)
 R-24-9-15 (Proposed Well)
 S-24-9-15 (Proposed Well)
 SEC. 24, T9S, R15E, S.L.B.&M. Duchesne County, UT.

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SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
15-24-9-15	Surface Hole	40° 00' 36.46" N	110° 10' 39.17" W
R-24-9-15	Surface Hole	40° 00' 36.38" N	110° 10' 38.92" W
S-24-9-15	Surface Hole	40° 00' 36.29" N	110° 10' 38.68" W
R-24-9-15	Center of Pattern	40° 00' 44.59" N	110° 10' 49.12" W
S-24-9-15	Center of Pattern	40° 00' 44.39" N	110° 10' 33.43" W
R-24-9-15	Bottom of Hole	40° 00' 47.35" N	110° 10' 52.54" W
S-24-9-15	Bottom of Hole	40° 00' 47.00" N	110° 10' 31.74" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
15-24-9-15	Surface Hole	40.010129	110.177548
R-24-9-15	Surface Hole	40.010104	110.177479
S-24-9-15	Surface Hole	40.010080	110.177410
R-24-9-15	Center of Pattern	40.012387	110.180310
S-24-9-15	Center of Pattern	40.012331	110.175952
R-24-9-15	Bottom of Hole	40.013154	110.181261
S-24-9-15	Bottom of Hole	40.013054	110.175484
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
15-24-9-15	Surface Hole	4429205.338	570194.331
R-24-9-15	Surface Hole	4429202.680	570200.220
S-24-9-15	Surface Hole	4429200.021	570206.110
R-24-9-15	Center of Pattern	4429453.805	569956.253
S-24-9-15	Center of Pattern	4429450.975	570328.226
R-24-9-15	Bottom of Hole	4429538.148	569874.313
S-24-9-15	Bottom of Hole	4429531.676	570367.496
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
15-24-9-15	Surface Hole	40° 00' 36.60" N	110° 10' 36.62" W
R-24-9-15	Surface Hole	40° 00' 36.51" N	110° 10' 36.38" W
S-24-9-15	Surface Hole	40° 00' 36.42" N	110° 10' 36.13" W
R-24-9-15	Center of Pattern	40° 00' 44.73" N	110° 10' 46.57" W
S-24-9-15	Center of Pattern	40° 00' 44.52" N	110° 10' 30.88" W
R-24-9-15	Bottom of Hole	40° 00' 47.49" N	110° 10' 49.99" W
S-24-9-15	Bottom of Hole	40° 00' 47.13" N	110° 10' 29.19" W



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Coordinate Report

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NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 24 T9S, R15E
R-24-9-15**

Wellbore #1

Plan: Design #1

Standard Planning Report

18 December, 2012





Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well R-24-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Site:	SECTION 24 T9S, R15E	North Reference:	True
Well:	R-24-9-15	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site						SECTION 24 T9S, R15E											
Site Position:			Northing:			7,175,143.19 ft			Latitude:			40° 0' 36.380 N					
From:			Lat/Long			Easting:			2,010,834.59 ft			Longitude:			110° 10' 38.920 W		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.85 °		

Well	R-24-9-15, SHL LAT: 40 00 36.38 LONG: -110 10 38.92					
Well Position	+N/-S	0.0 ft	Northing:	7,175,143.18 ft	Latitude:	40° 0' 36.380 N
	+E/-W	0.0 ft	Easting:	2,010,834.59 ft	Longitude:	110° 10' 38.920 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	6,119.0 ft	Ground Level:	6,107.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/5/2012	11.17	65.71	52,085

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	315.51

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,878.5	19.18	315.51	1,854.8	151.2	-148.5	1.50	1.50	-3.48	315.51	
4,732.1	19.18	315.51	4,550.0	819.9	-805.5	0.00	0.00	0.00	0.00	R-24-9-15 TGT
5,907.3	19.18	315.51	5,660.0	1,095.3	-1,076.0	0.00	0.00	0.00	0.00	



Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well R-24-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Site:	SECTION 24 T9S, R15E	North Reference:	True
Well:	R-24-9-15	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	315.51	700.0	0.9	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	315.51	799.9	3.7	-3.7	5.2	1.50	1.50	0.00
900.0	4.50	315.51	899.7	8.4	-8.3	11.8	1.50	1.50	0.00
1,000.0	6.00	315.51	999.3	14.9	-14.7	20.9	1.50	1.50	0.00
1,100.0	7.50	315.51	1,098.6	23.3	-22.9	32.7	1.50	1.50	0.00
1,200.0	9.00	315.51	1,197.5	33.5	-33.0	47.0	1.50	1.50	0.00
1,300.0	10.50	315.51	1,296.1	45.6	-44.8	64.0	1.50	1.50	0.00
1,400.0	12.00	315.51	1,394.2	59.5	-58.5	83.5	1.50	1.50	0.00
1,500.0	13.50	315.51	1,491.7	75.3	-74.0	105.5	1.50	1.50	0.00
1,600.0	15.00	315.51	1,588.6	92.8	-91.2	130.2	1.50	1.50	0.00
1,700.0	16.50	315.51	1,684.9	112.2	-110.2	157.3	1.50	1.50	0.00
1,800.0	18.00	315.51	1,780.4	133.4	-131.0	186.9	1.50	1.50	0.00
1,878.5	19.18	315.51	1,854.8	151.2	-148.5	212.0	1.50	1.50	0.00
1,900.0	19.18	315.51	1,875.1	156.3	-153.5	219.0	0.00	0.00	0.00
2,000.0	19.18	315.51	1,969.5	179.7	-176.5	251.9	0.00	0.00	0.00
2,100.0	19.18	315.51	2,064.0	203.1	-199.5	284.7	0.00	0.00	0.00
2,200.0	19.18	315.51	2,158.4	226.6	-222.6	317.6	0.00	0.00	0.00
2,300.0	19.18	315.51	2,252.9	250.0	-245.6	350.4	0.00	0.00	0.00
2,400.0	19.18	315.51	2,347.3	273.4	-268.6	383.3	0.00	0.00	0.00
2,500.0	19.18	315.51	2,441.8	296.9	-291.6	416.1	0.00	0.00	0.00
2,600.0	19.18	315.51	2,536.2	320.3	-314.6	449.0	0.00	0.00	0.00
2,700.0	19.18	315.51	2,630.7	343.7	-337.7	481.8	0.00	0.00	0.00
2,800.0	19.18	315.51	2,725.1	367.2	-360.7	514.7	0.00	0.00	0.00
2,900.0	19.18	315.51	2,819.6	390.6	-383.7	547.5	0.00	0.00	0.00
3,000.0	19.18	315.51	2,914.0	414.0	-406.7	580.4	0.00	0.00	0.00
3,100.0	19.18	315.51	3,008.5	437.5	-429.7	613.2	0.00	0.00	0.00
3,200.0	19.18	315.51	3,102.9	460.9	-452.8	646.1	0.00	0.00	0.00
3,300.0	19.18	315.51	3,197.4	484.3	-475.8	678.9	0.00	0.00	0.00
3,400.0	19.18	315.51	3,291.8	507.8	-498.8	711.8	0.00	0.00	0.00
3,500.0	19.18	315.51	3,386.3	531.2	-521.8	744.6	0.00	0.00	0.00
3,600.0	19.18	315.51	3,480.7	554.6	-544.8	777.5	0.00	0.00	0.00
3,700.0	19.18	315.51	3,575.2	578.1	-567.9	810.3	0.00	0.00	0.00
3,800.0	19.18	315.51	3,669.6	601.5	-590.9	843.2	0.00	0.00	0.00
3,900.0	19.18	315.51	3,764.1	624.9	-613.9	876.0	0.00	0.00	0.00
4,000.0	19.18	315.51	3,858.5	648.4	-636.9	908.9	0.00	0.00	0.00
4,100.0	19.18	315.51	3,953.0	671.8	-659.9	941.7	0.00	0.00	0.00
4,200.0	19.18	315.51	4,047.4	695.2	-683.0	974.6	0.00	0.00	0.00
4,300.0	19.18	315.51	4,141.9	718.7	-706.0	1,007.4	0.00	0.00	0.00
4,400.0	19.18	315.51	4,236.3	742.1	-729.0	1,040.3	0.00	0.00	0.00
4,500.0	19.18	315.51	4,330.8	765.5	-752.0	1,073.1	0.00	0.00	0.00
4,600.0	19.18	315.51	4,425.2	789.0	-775.1	1,106.0	0.00	0.00	0.00
4,700.0	19.18	315.51	4,519.7	812.4	-798.1	1,138.8	0.00	0.00	0.00
4,732.1	19.18	315.51	4,550.0	819.9	-805.5	1,149.4	0.00	0.00	0.00
4,800.0	19.18	315.51	4,614.1	835.8	-821.1	1,171.7	0.00	0.00	0.00
4,900.0	19.18	315.51	4,708.6	859.3	-844.1	1,204.5	0.00	0.00	0.00
5,000.0	19.18	315.51	4,803.0	882.7	-867.1	1,237.4	0.00	0.00	0.00
5,100.0	19.18	315.51	4,897.5	906.1	-890.2	1,270.2	0.00	0.00	0.00



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well R-24-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	R-24-9-15 @ 6119.0ft (Original Well Elev)
Site:	SECTION 24 T9S, R15E	North Reference:	True
Well:	R-24-9-15	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	19.18	315.51	4,991.9	929.6	-913.2	1,303.1	0.00	0.00	0.00
5,300.0	19.18	315.51	5,086.4	953.0	-936.2	1,335.9	0.00	0.00	0.00
5,400.0	19.18	315.51	5,180.8	976.4	-959.2	1,368.8	0.00	0.00	0.00
5,500.0	19.18	315.51	5,275.3	999.9	-982.2	1,401.6	0.00	0.00	0.00
5,600.0	19.18	315.51	5,369.7	1,023.3	-1,005.3	1,434.5	0.00	0.00	0.00
5,700.0	19.18	315.51	5,464.2	1,046.7	-1,028.3	1,467.3	0.00	0.00	0.00
5,800.0	19.18	315.51	5,558.6	1,070.2	-1,051.3	1,500.2	0.00	0.00	0.00
5,907.3	19.18	315.51	5,660.0	1,095.3	-1,076.0	1,535.4	0.00	0.00	0.00

API Well Number: 43013522730000

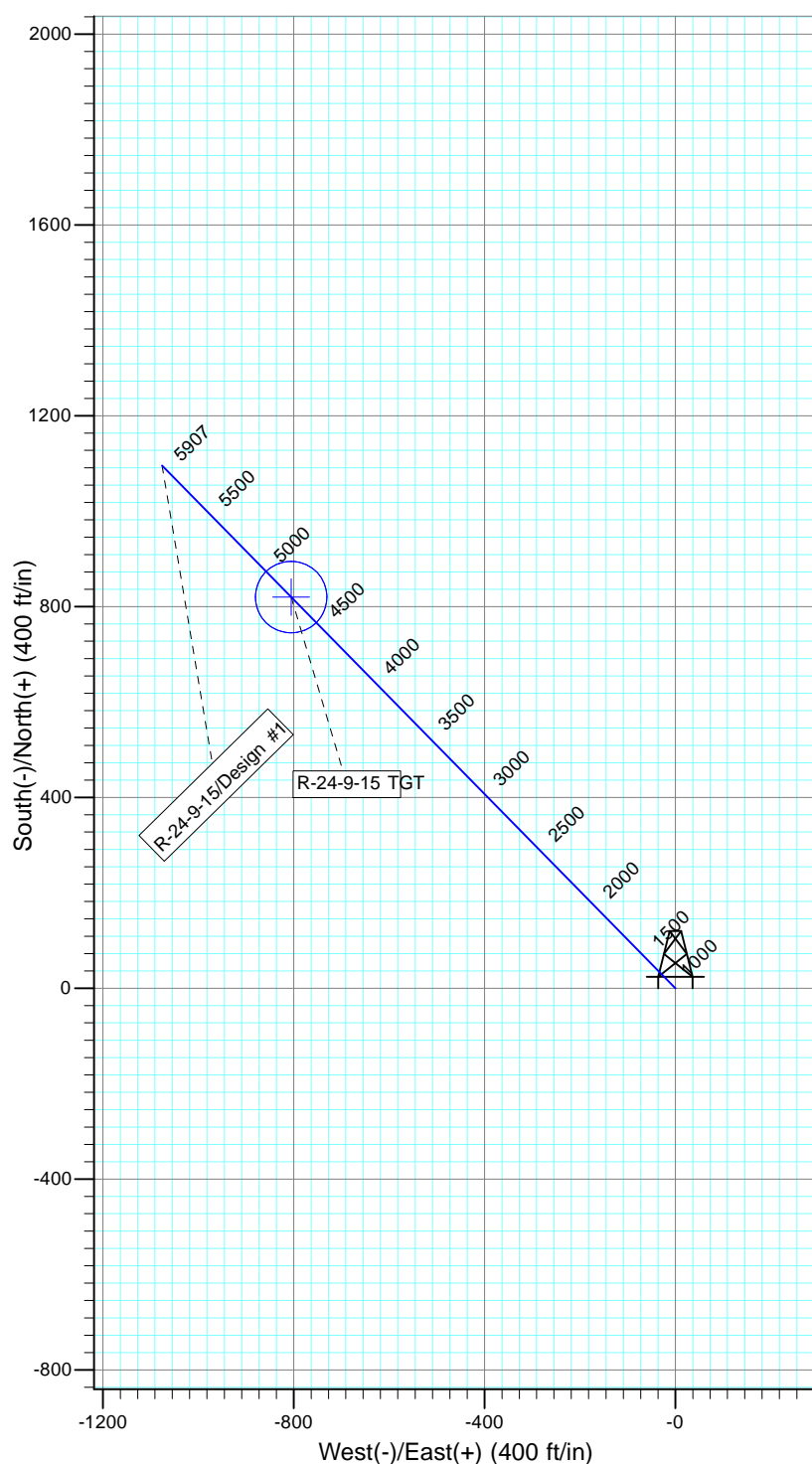
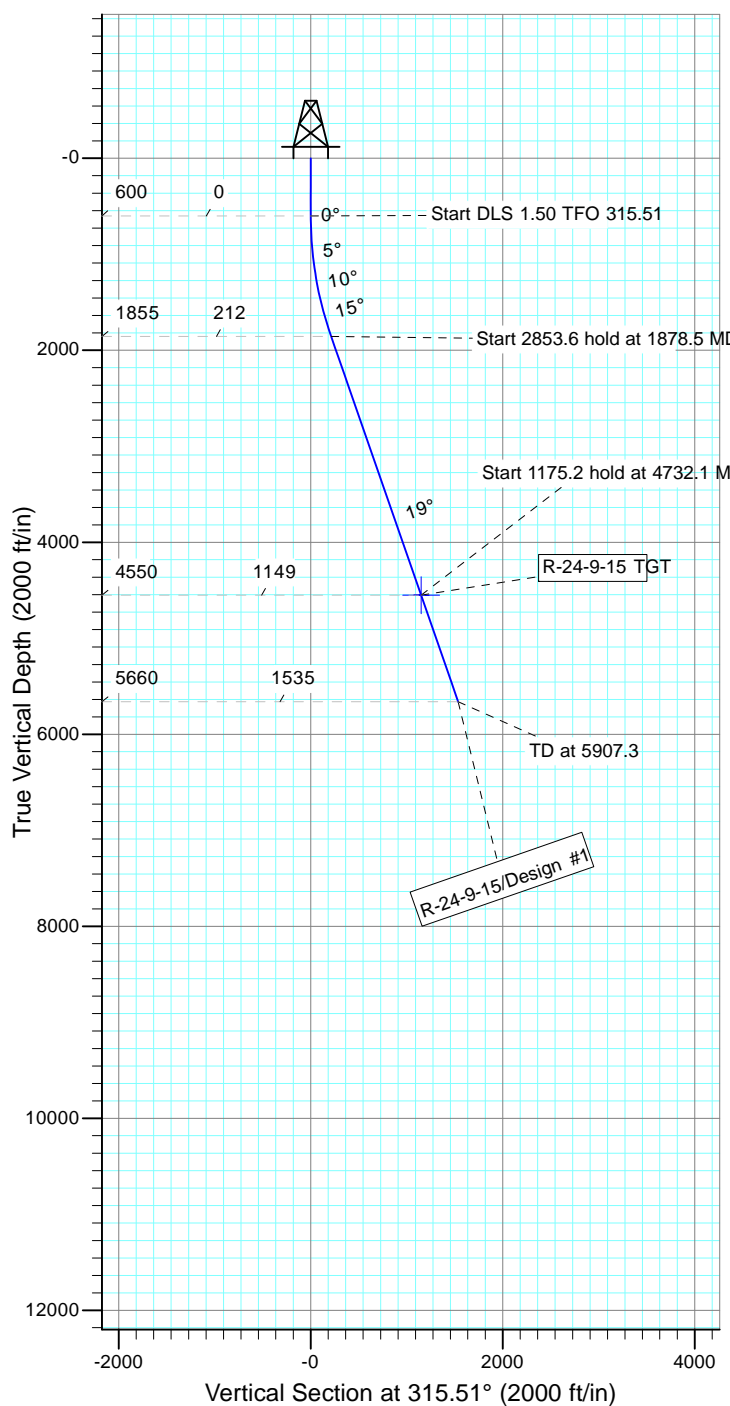


Project: USGS Myton SW (UT)
 Site: SECTION 24 T9S, R15E
 Well: R-24-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.17°

Magnetic Field
 Strength: 52084.9snT
 Dip Angle: 65.71°
 Date: 12/5/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
R-24-9-15 TGT	4550.0	819.9	-805.5	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1878.5	19.18	315.51	1854.8	151.2	-148.5	1.50	315.51	212.0	
4	4732.1	19.18	315.51	4550.0	819.9	-805.5	0.00	0.00	1149.4	R-24-9-15 TGT
5	5907.3	19.18	315.51	5660.0	1095.3	-1076.0	0.00	0.00	1535.4	



**NEWFIELD PRODUCTION COMPANY
GMBU R-24-9-15
AT SURFACE: SW/SE SECTION 24, T9S R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU R-24-9-15 located in the SE 1/4 SW 1/4 Section 24, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction – 12.6 miles \pm to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 0.9 miles \pm to it's junction with an existing road to the west; proceed in a westerly direction – 0.5 miles \pm to it's junction with the beginning of the access road to the existing 15-24-9-15 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 15-24-9-15 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-063 4/22/13, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-36, July 2013. See attached report cover pages, Exhibit "D".

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU R-24-9-15, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU R-24-9-15, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

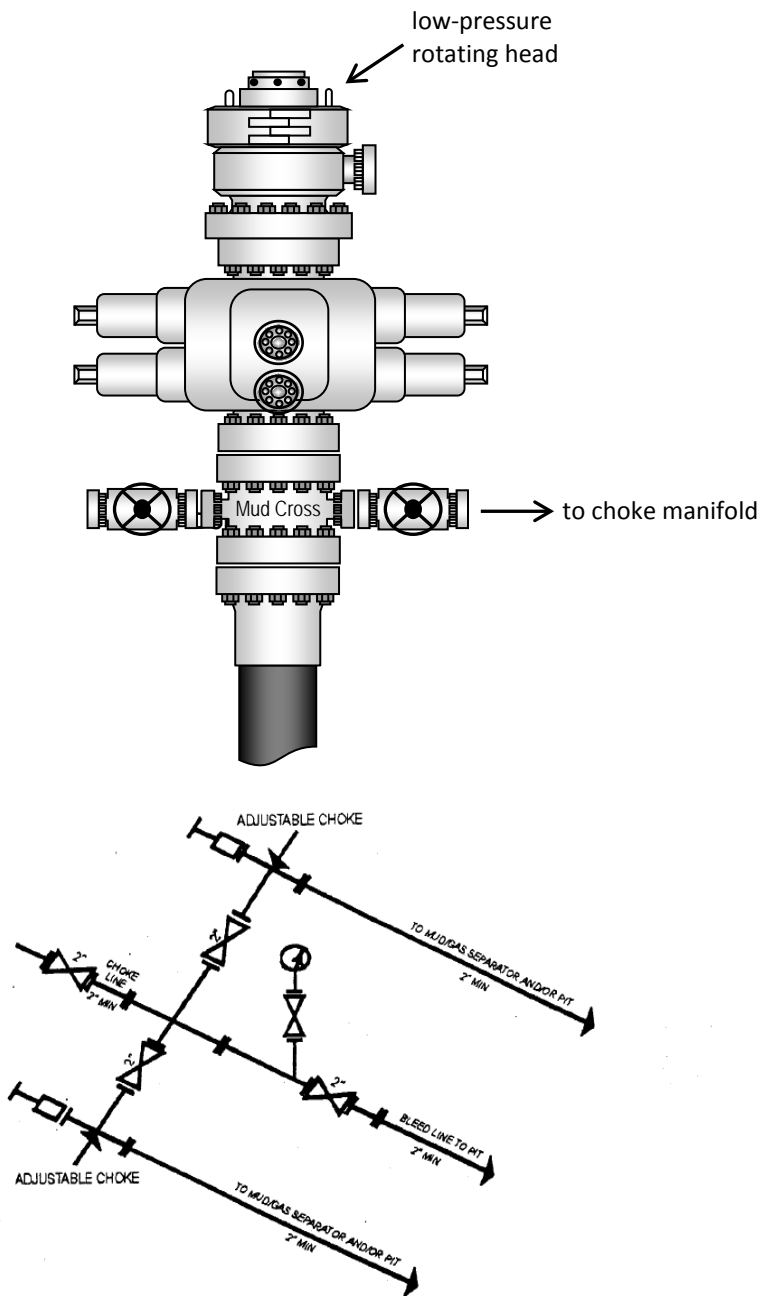
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-24-9-15, Section 24, Township 9S, Range 15E: Lease UTU-02458 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/8/13
Date

Heather Calder
Production Technician
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

15-24-9-15 (Existing Well)

R-24-9-15 (Proposed Well)

S-24-9-15 (Proposed Well)

Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.

TOP HOLE FOOTAGES

R-24-9-15 (PROPOSED)
342' FSL & 1783' FEL

S-24-9-15 (PROPOSED)
333' FSL & 1763' FEL

CENTER OF PATTERN FOOTAGES

R-24-9-15 (PROPOSED)
1173' FSL & 2577' FEL

S-24-9-15 (PROPOSED)
1153' FSL & 1356' FEL

BOTTOM HOLE FOOTAGES

R-24-9-15 (PROPOSED)
1452' FSL & 2447' FWL

S-24-9-15 (PROPOSED)
1417' FSL & 1225' FEL

Note:

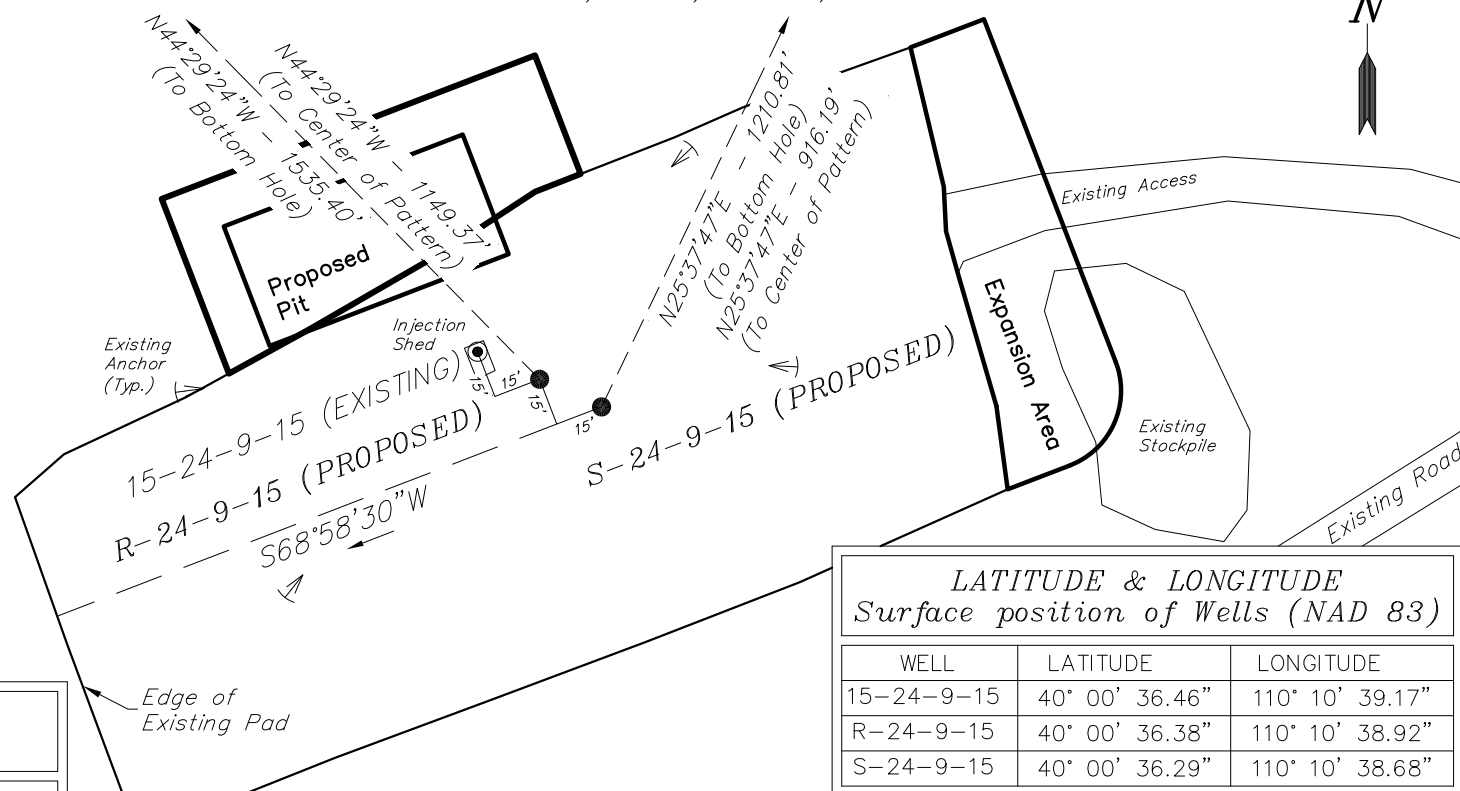
Bearings are based
on GPS Observations.

RELATIVE COORDINATES From Top Hole to C.O.P.

WELL	NORTH	EAST
R-24-9-15	820'	-805'
S-24-9-15	826'	396'

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
R-24-9-15	1095'	-1,076'
S-24-9-15	1092'	524'



LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
15-24-9-15	40° 00' 36.46"	110° 10' 39.17"
R-24-9-15	40° 00' 36.38"	110° 10' 38.92"
S-24-9-15	40° 00' 36.29"	110° 10' 38.68"

LATITUDE & LONGITUDE Center of Pattern (NAD 83)

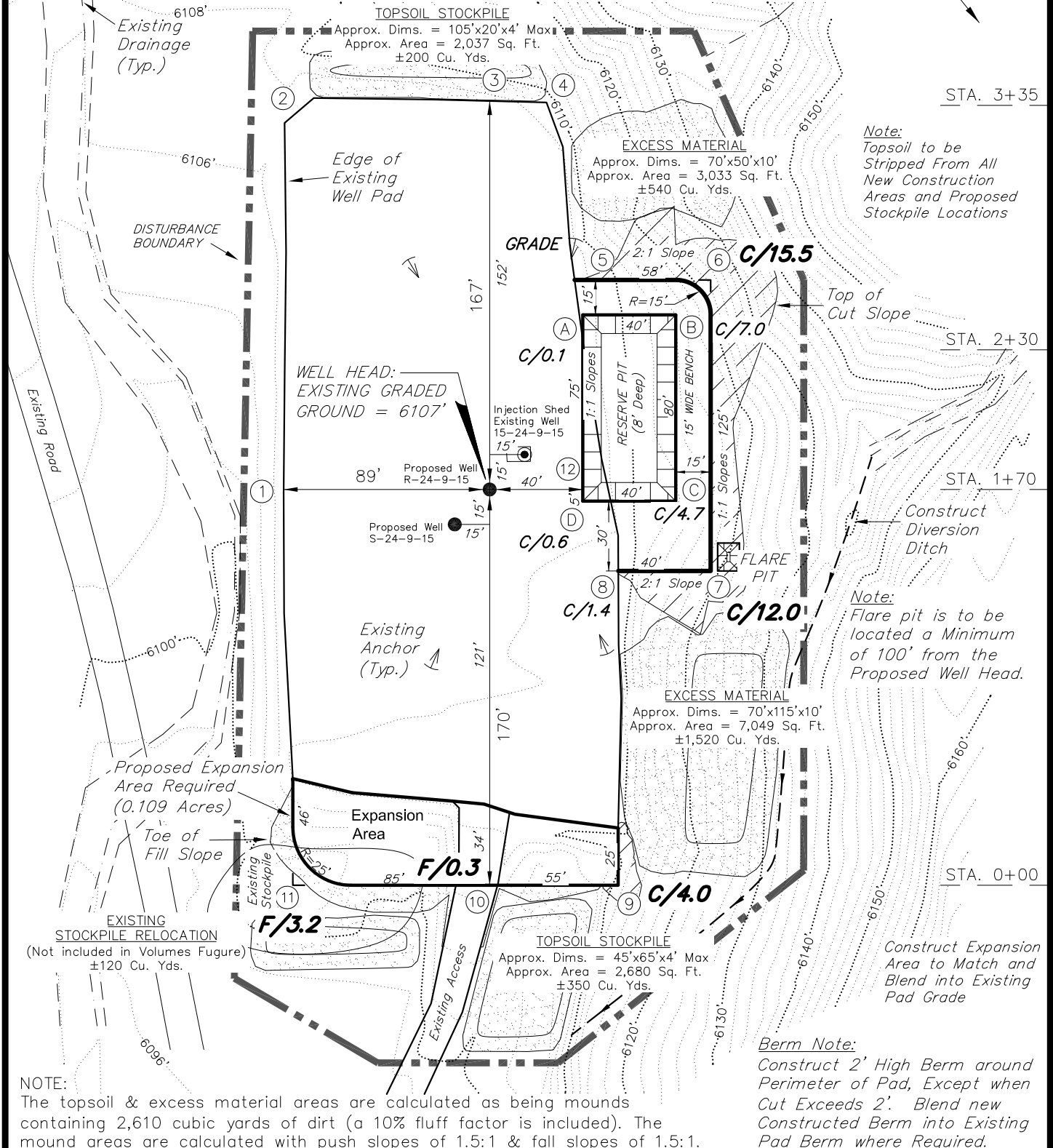
WELL	LATITUDE	LONGITUDE
R-24-9-15	40° 00' 44.59"	110° 10' 49.12"
S-24-9-15	40° 00' 44.39"	110° 10' 33.43"

LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
R-24-9-15	40° 00' 47.35"	110° 10' 52.54"
S-24-9-15	40° 00' 47.00"	110° 10' 31.74"

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 12-12-12	V1
SCALE: 1" = 60'	REVISED:	

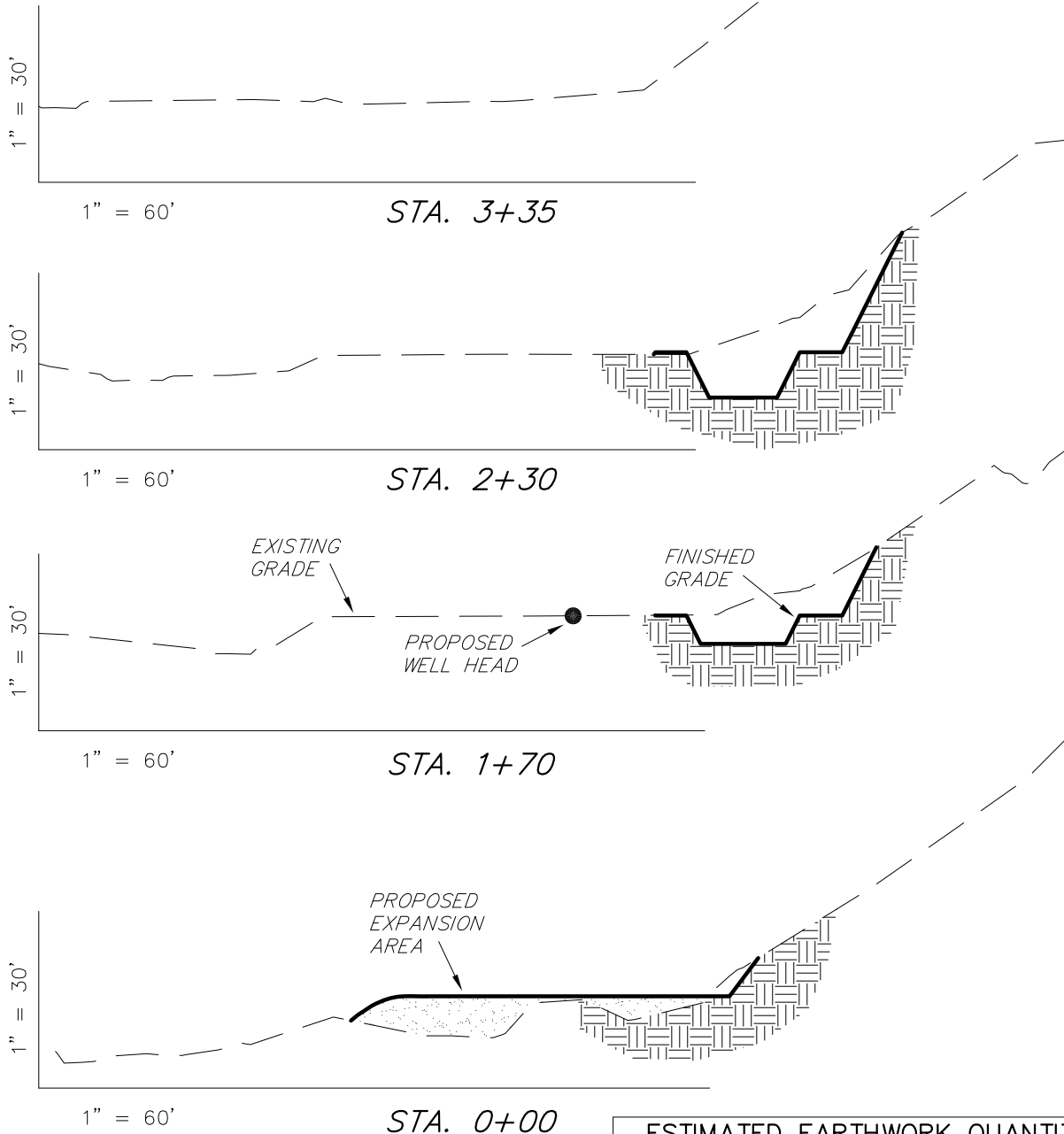
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY**LOCATION LAYOUT****15-24-9-15 (Existing Well)****R-24-9-15 (Proposed Well)****S-24-9-15 (Proposed Well)****Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.**

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: July 09, 2013

NEWFIELD EXPLORATION COMPANY***CROSS SECTIONS******15-24-9-15 (Existing Well)******R-24-9-15 (Proposed Well)******S-24-9-15 (Proposed Well)******Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.***

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

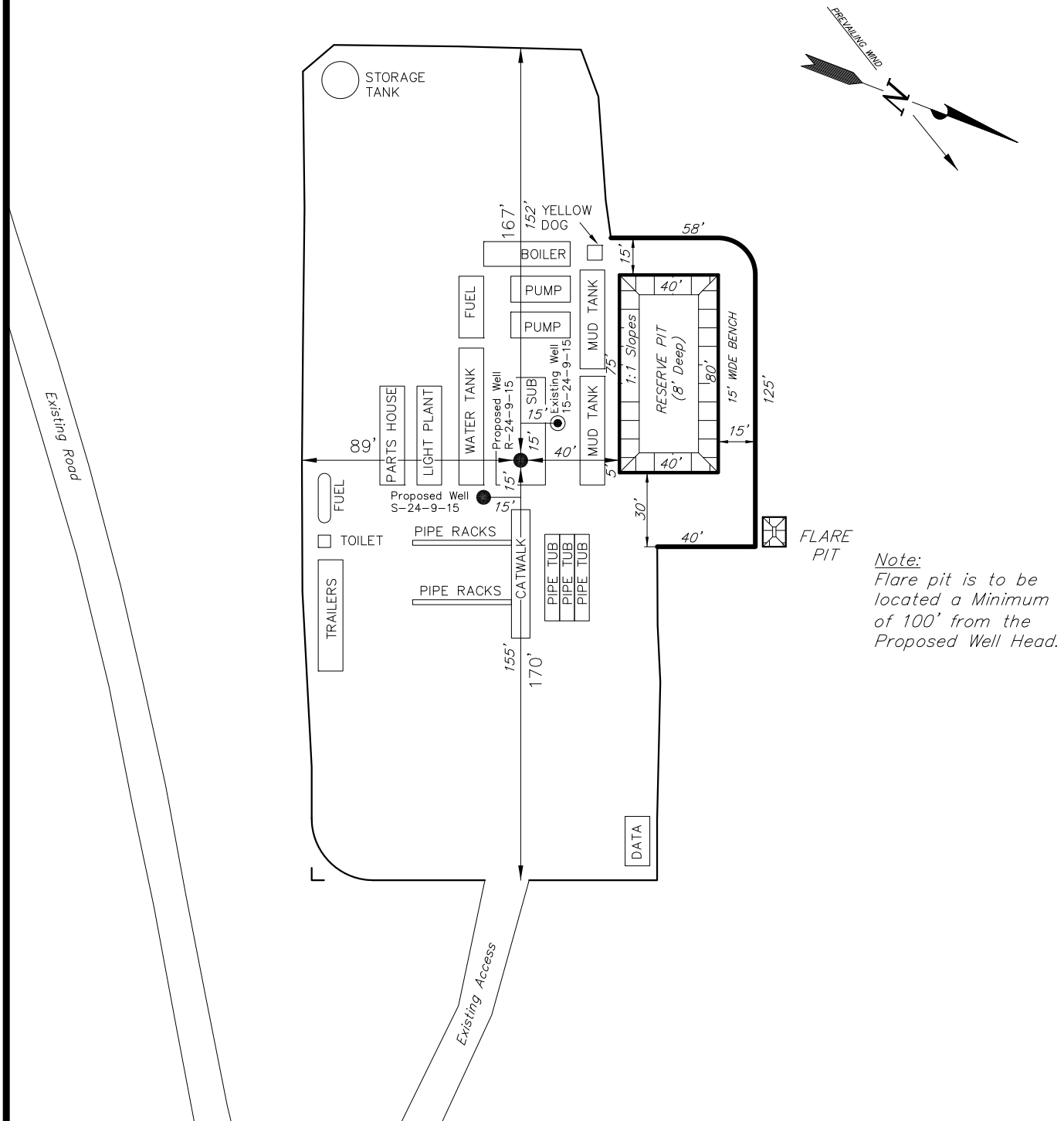
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,720	540	Topsoil is not included in Pad Cut	1,180
PIT	690	0		690
TOTALS	2,410	540	490	1,870

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

RECEIVED: July 09, 2013

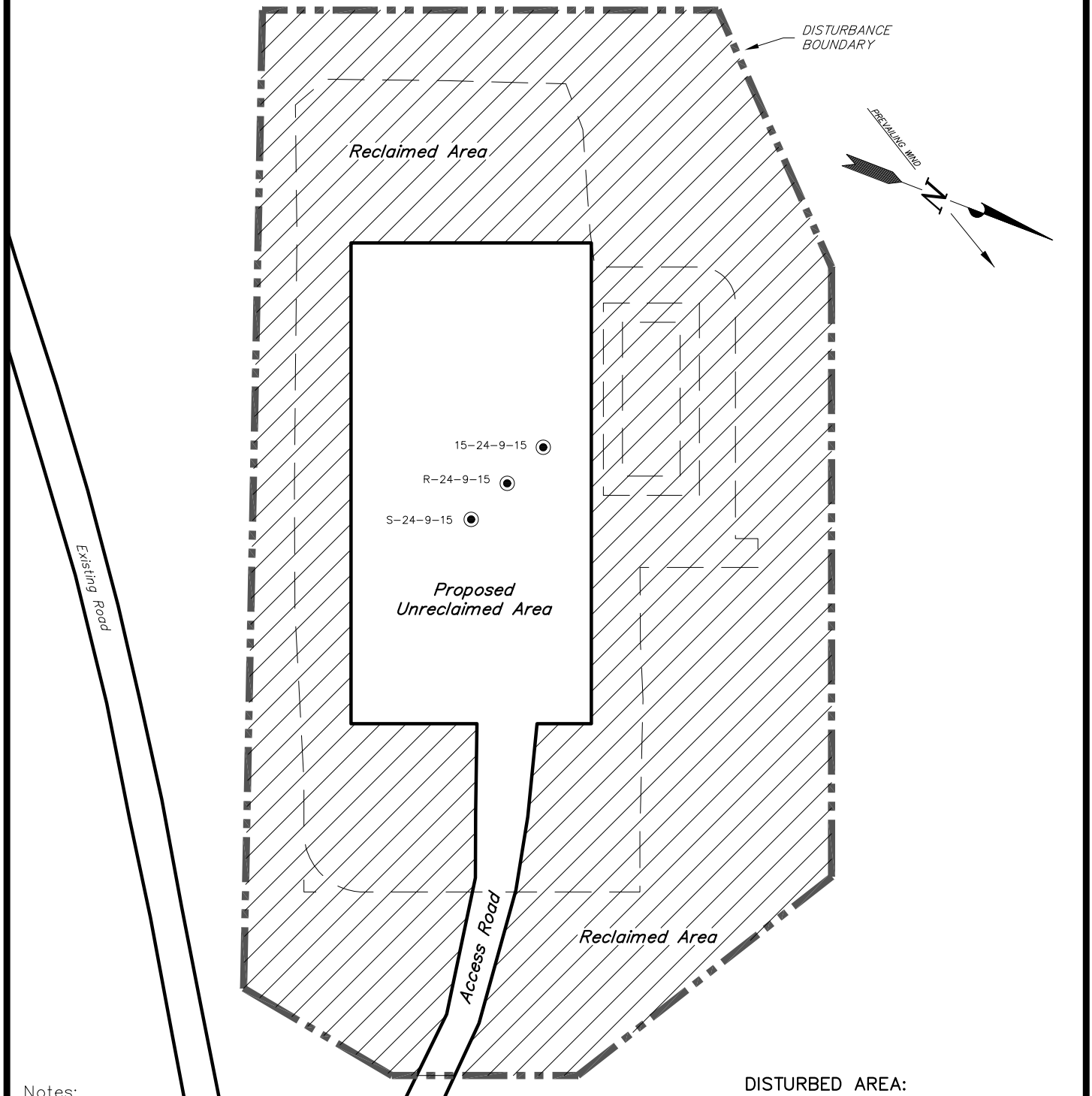
NEWFIELD EXPLORATION COMPANY***TYPICAL RIG LAYOUT******15-24-9-15 (Existing Well)******R-24-9-15 (Proposed Well)******S-24-9-15 (Proposed Well)******Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.***

Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: July 09, 2013

NEWFIELD EXPLORATION COMPANY**RECLAMATION LAYOUT****15-24-9-15 (Existing Well)****R-24-9-15 (Proposed Well)****S-24-9-15 (Proposed Well)***Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.***Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

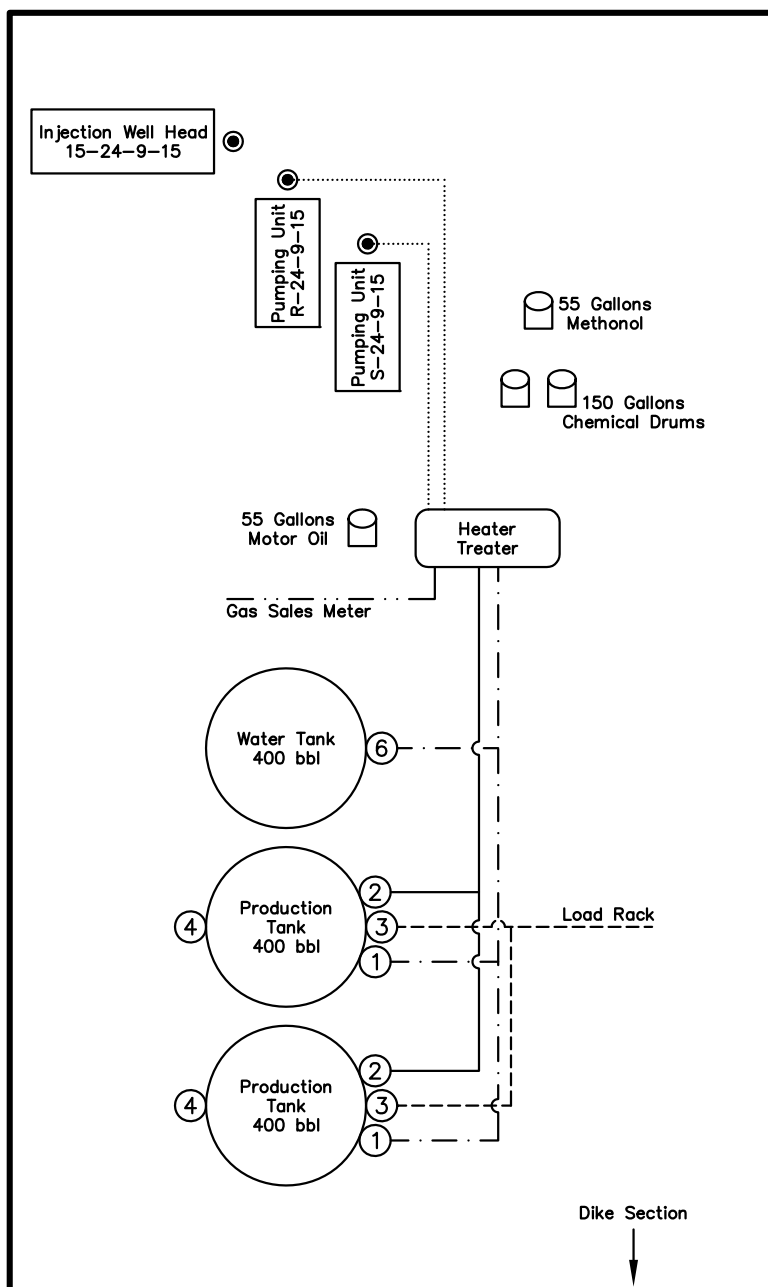
DISTURBED AREA:

TOTAL DISTURBED AREA = 2.27 ACRES
 TOTAL RECLAIMED AREA = 1.75 ACRES
 UNRECLAIMED AREA = 0.52 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: July 09, 2013

NEWFIELD EXPLORATION COMPANY*PROPOSED SITE FACILITY DIAGRAM***15-24-9-15 (Existing Well)****R-24-9-15 (Proposed Well) UTU-02458****S-24-9-15 (Proposed Well) UTU-02458***Pad Location: SWSE Section 24, T9S, R15E, S.L.B.&M.
Duchesne County, Utah****Legend***

Emulsion Line
 Load Rack -----
 Water Line - - - - -
 Gas Sales -
 Oil Line _____

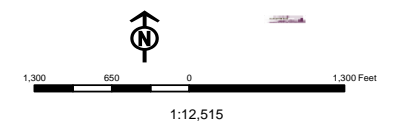
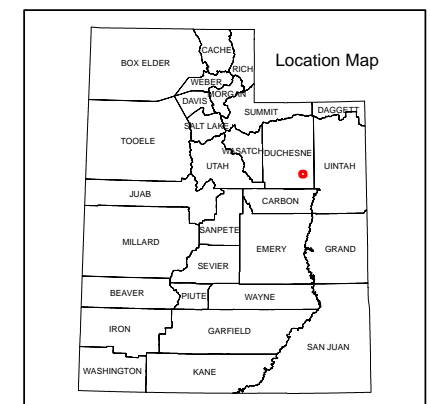
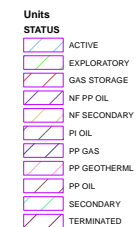
NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 12-11-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-12-12	V1
SCALE: NONE	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: July 09, 2013

Map Produced by Diana Mason



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

July 16, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52273	GMBU R-24-9-15	Sec 24 T09S R15E 0342 FSL 1783 FEL
	BHL	Sec 24 T09S R15E 1452 FSL 2247 FWL
43-013-52274	GMBU A-26-9-15	Sec 24 T09S R15E 0680 FSL 0647 FWL
	BHL	Sec 26 T09S R15E 0126 FNL 0196 FEL
43-013-52275	GMBU Q-24-9-15	Sec 24 T09S R15E 0695 FSL 0633 FWL
	BHL	Sec 24 T09S R15E 1626 FSL 1433 FWL
43-013-52276	GMBU C-27-9-15	Sec 27 T09S R15E 0801 FNL 1673 FWL
	BHL	Sec 27 T09S R15E 0007 FNL 2421 FEL
43-013-52277	GMBU H-27-9-15	Sec 27 T09S R15E 0803 FNL 1652 FWL
	BHL	Sec 27 T09S R15E 1718 FNL 2433 FEL
43-013-52278	GMBU S-24-9-15	Sec 24 T09S R15E 0333 FSL 1763 FEL
	BHL	Sec 24 T09S R15E 1417 FSL 1225 FEL
43-013-52279	GMBU X-24-9-15	Sec 25 T09S R15E 0374 FNL 0609 FWL
	BHL	Sec 24 T09S R15E 0312 FSL 1379 FWL

RECEIVED: July 16, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52280	GMBU N-20-9-17	Sec 20 T09S R17E 1958 FSL 1968 FWL BHL Sec 20 T09S R17E 2485 FNL 1198 FWL
43-013-52281	GMBU M-24-9-16	Sec 24 T09S R16E 2187 FSL 1861 FEL BHL Sec 24 T09S R16E 2577 FNL 2483 FWL
43-013-52282	GMBU R-24-9-16	Sec 24 T09S R16E 2166 FSL 1862 FEL BHL Sec 24 T09S R16E 1047 FSL 2600 FWL
43-013-52283	GMBU D-24-9-16	Sec 13 T09S R16E 0769 FSL 1923 FWL BHL Sec 24 T09S R16E 0090 FNL 1090 FWL
43-013-52284	GMBU C-24-9-16	Sec 13 T09S R16E 0787 FSL 1935 FWL BHL Sec 24 T09S R16E 0158 FNL 2350 FEL
43-013-52285	GMBU K-14-9-16	Sec 13 T09S R16E 2034 FSL 0667 FWL BHL Sec 14 T09S R16E 2494 FNL 0240 FEL
43-013-52286	GMBU Q-13-9-16	Sec 13 T09S R16E 2054 FSL 0675 FWL BHL Sec 13 T09S R16E 1094 FSL 1368 FWL
43-013-52287	GMBU R-20-9-17	Sec 20 T09S R17E 1941 FSL 1955 FWL BHL Sec 20 T09S R17E 1074 FSL 2477 FEL
43-013-52292	GMBU X-22-8-17	Sec 27 T08S R17E 0835 FNL 2132 FWL BHL Sec 22 T08S R17E 0186 FSL 1407 FWL
43-013-52293	GMBU G-27-8-17	Sec 27 T08S R17E 0845 FNL 2113 FWL BHL Sec 27 T08S R17E 1398 FNL 1282 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land
Management, ou=Branch of Minerals,
email=Michael_Coulthard@blm.gov, c=US
Date: 2013.07.16 12:30:58 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-16-13

RECEIVED: July 16, 2013

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/9/2013

API NO. ASSIGNED: 43013522730000

WELL NAME: GMBU R-24-9-15

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4936

CONTACT: Heather Calder

PROPOSED LOCATION: SWSE 24 090S 150E

Permit Tech Review: ☒

SURFACE: 0342 FSL 1783 FEL

Engineering Review: ☐

BOTTOM: 1452 FSL 2247 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.01015

LONGITUDE: -110.17750

UTM SURF EASTINGS: 570198.00

NORTHINGS: 4429208.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02458

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: FEDERAL - WYB000493
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 437478
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit: GMBU (GRRV)
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: Cause 213-11
- Effective Date: 11/30/2009
- Siting: Suspends General Siting
- ☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: July 22, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU R-24-9-15
API Well Number: 43013522730000
Lease Number: UTU-02458
Surface Owner: FEDERAL
Approval Date: 7/22/2013

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

NEWFIELD



VIA ELECTRONIC DELIVERY

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

July 23, 2013

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU R-24-9-15
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R15E Section 24: SWSE (UTU-02458)
342' FSL 1783' FEL

At Target: T9S-R15E Section 24: NESW (UTU-02458)
1452' FNL 2447' FWL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 7/9/2013, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Leslie Burget
Land Associate

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU02458
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION Contact: HEATHER CALDER E-Mail: hcalder@newfield.com		7. If Unit or CA Agreement, Name and No. GMBU
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. GMBU R-24-9-15
3b. Phone No. (include area code) Ph: 435-646-4936 Fx: 435-646-3031		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 342FSL 1783FEL At proposed prod. zone NESW 1452FNL 2447FWL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 15.4 MILES SOUTH OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 24 T9S R15E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1452'	16. No. of Acres in Lease 640.00	12. County or Parish DUCHESENE
17. Spacing Unit dedicated to this well 20.00	13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 835'	19. Proposed Depth 5907 MD 5660 TVD	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6107 GL	22. Approximate date work will start 09/01/2013	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CALDER Ph: 435-646-4936	Date 07/09/2013
Title PRODUCTION TECHNICIAN		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

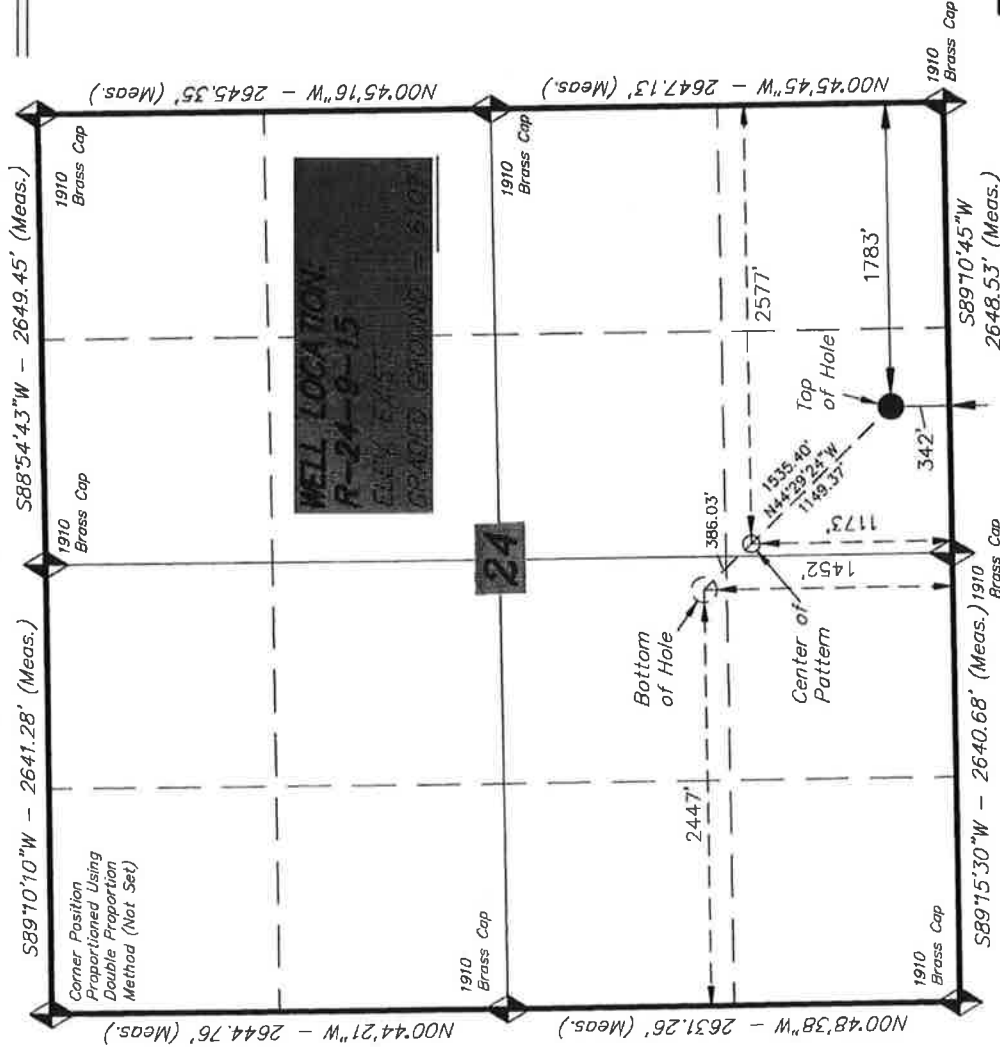
**Electronic Submission #212852 verified by the BLM Well Information System
For NEWFIELD EXPLORATION, sent to the Vernal**

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional Operator Remarks:

SURFACE HOLE LEASE:UTU02458
BOTTOM HOLE LEASE:UTU02458

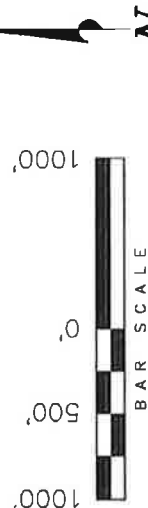
T9S, R15E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, R-24-9-15, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 24, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, R-24-9-15, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 24, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

12-12-12

STACY W.

REGISTERED LAND SURVEYOR

REGISTRATION NO. 189377

STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

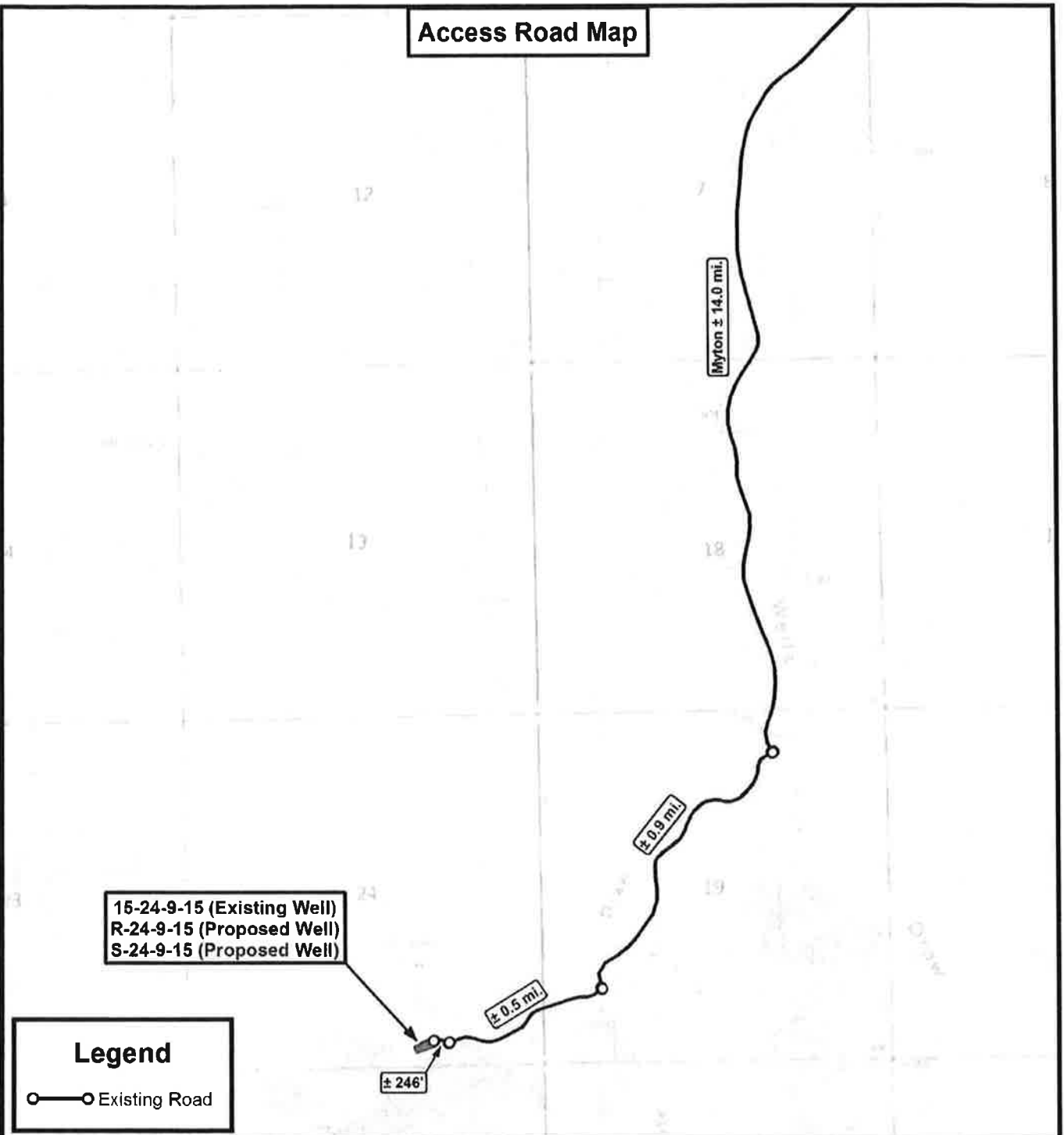
DATE SURVEYED:	12-11-12	SURVEYED BY:	S.H.	VERSION:
DATE DRAWN:	12-12-12	DRAWN BY:	V.H.	V1
REVISED:		SCALE:	1" = 1000'	

SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (CENTER OF PATTERN)	LATITUDE = 40°00'44.59"	NAD 83 (SURFACE LOCATION)	LATITUDE = 40°00'36.38"
	LONGITUDE = 110°10'49.12"		LONGITUDE = 110°10'38.92"
NAD 27 (CENTER OF PATTERN)	LATITUDE = 40°00'44.73"	NAD 27 (SURFACE LOCATION)	LATITUDE = 40°00'36.51"
	LONGITUDE = 110°10'46.57"		LONGITUDE = 110°10'38.38"
NAD 27 (BOTTOM HOLE LOCATION)	LATITUDE = 40°00'47.49"	NAD 83 (BOTTOM HOLE LOCATION)	LATITUDE = 40°00'47.35"
	LONGITUDE = 110°10'46.99"		LONGITUDE = 110°10'52.54"

Access Road Map



Legend

— Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

15-24-9-15 (Existing Well)
R-24-9-15 (Proposed Well)
S-24-9-15 (Proposed Well)

SEC. 24, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-13-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU R-24-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0342 FSL 1783 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013522730000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/22/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to extend the Application for Permit to Drill this well.		
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining June 26, 2014 Date: _____ By: </div>		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/24/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522730000

API: 43013522730000

Well Name: GMBU R-24-9-15

Location: 0342 FSL 1783 FEL QTR SWSE SEC 24 TWP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/22/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 6/24/2014

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 09 2013

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU02458
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION COMPANY		7. If Unit or CA Agreement, Name and No. UTU87538X
Contact: HEATHER CALDER Email: hcalder@newfield.com		8. Lease Name and Well No. GMBU R-24-9-15
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4936 Fx: 435-646-4936	9. API Well No. 43-013-52273
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 342FSL 1783FEL 40.003638 N Lat, 110.103892 W Lon At proposed prod. zone NESW 1452FNL 2447FWL 40.004735 N Lat, 110.105254 W Lon		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 15.4 MILES SOUTH OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 24 T9S R15E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1452'	16. No. of Acres in Lease 640.00	12. County or Parish DUCHESTER
17. Spacing Unit dedicated to this well 20.00	13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 835'	19. Proposed Depth 5907 MD 5660 TVD	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6107 GL	22. Approximate date work will start 09/01/2013	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CALDER Ph: 435-646-4936	Date 07/09/2013
Title PRODUCTION TECHNICIAN		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date AUG 05 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #212852 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 07/18/2013 (13JM0435AE)

UDOGM

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

13JM0435AE

Filed 7/22/13
NADDS



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: GMBU R-24-9-15
API No: 43-013-52273

Location: SWSE, Sec. 24, T9S R15E
Lease No: UTU-02458
Agreement: Greater Monument Butte

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Site Specific COAs

Minerals and Paleontology

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Green River District Reclamation Guidelines

The Operator will comply with the requirements of the ***Green River District (GRD) Reclamation Guidelines*** formalized by Green River District Instructional Memo UTG000-2014-004 on May 21, 2014.

CONDITIONS OF APPROVAL

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.
- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- The well is located within crucial elk calving habitat. To minimize impacts construction and drilling is not allowed from May 15 – June 30. This restriction would not apply to maintenance and operation of existing facilities. This stipulation may be excepted if either the resource values change or the lessee/operator demonstrates to BLM's satisfaction that adverse impacts can be mitigated.

For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.
- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
 - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fish
 - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
 - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
 - Screen all pump intakes with 3/32-inch mesh material.
- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:
Utah Division of Wildlife Resources
Northeastern Region
318 N Vernal Ave.
Vernal, UT 84078
(435) 781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.

- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO₂ National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas-fired drill rigs, installation of NO_x controls, time/use restrictions, and/or drill rig spacing.
- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO_x per horsepower-hour.
- Green completions will be used for all well completion activities where technically feasible.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of

the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of

the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By
Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU R-24-9-15
Qtr/Qtr SW/SE Section 24 Township 9S Range 15E
Lease Serial Number UTU-02458
API Number 43-013-52273

Spud Notice – Spud is the initial spudding of the well, not drilling
out below a casing string.

Date/Time 8/23/14 8:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing
times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 8/23/14 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU R-24-9-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0342 FSL 1783 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013522730000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/23/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 8/23/14 drill and set 37' of 14" conductor. Drill f/37' to 326' KB of 12 1/4 hole. P/U and run 7 joints of 8 5/8" casing set depth 321'KB. On 8/27/14 cement w/Halliburton w/155 sx of 15.8# 1.19 yield class G Neat cement. Returend 5 bbls to pit and bumped plug to 1000 psi.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 11, 2014		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 9/11/2014	

NEWFIELD

Casing

Conductor

Legal Well Name GMBU R-24-9-15				Wellbore Name Original Hole					
API/UWI 43013522730000		Surface Legal Location SWSE 342 FSL 1783 FEL Sec 24 T9S R15E		Field Name GMBU CTB3		Well Type Development		Well Configuration Type Slant	
Well RC 500334730		County Duchesne		State/Province Utah		Spud Date		Final Rig Release Date	

Wellbore								
Wellbore Name Original Hole				Kick Off Depth (ftKB)				
Section Des		Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date		End Date	
Conductor		14	11	48	8/23/2014		8/23/2014	

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components					
Des		Make	Model	SN	WP Top (psi)

Casing							
Casing Description Conductor		Set Depth (ftKB) 48		Run Date 8/23/2014		Set Tension (kips)	
Centralizers				Scratchers			

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40	Welded	1	37.00	11.0	48.0			

Jewelry Details								
External Casing Packer								
Type	Setting Requirement			Release Requirements		Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)		Seal Load (1000lbf)

Slotted Liner									
% Open Area (%)		Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)		Blank Bottom Length (ft)	
Slot Description			Slot Pattern		Slot Length (in)	Slot Width (in)	Slot Frequency		Screen Gauge (ga)

Liner Hanger							
Retrievable?	Elastomer Type		Element Center Depth (ft)		Polish Bore Size (in)	Polish Bore Length (ft)	
Slip Description					Set Mechanics		
Setting Procedure							
Unsetting Procedure							

NEWFIELD**Casing****Surface**

Legal Well Name GMBU R-24-9-15		Wellbore Name Original Hole	
API/UWI 43013522730000	Surface Legal Location SWSE 342 FSL 1783 FEL Sec 24 T9S R15E	Field Name GMBU CTB3	Well Type Development
Well RC 500334730	County Duchesne	State/Province Utah	Spud Date
		Final Rig Release Date	

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (ftKB)	
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	11	48	8/23/2014	8/23/2014
Vertical	12 1/4	48	326	8/23/2014	8/23/2014

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing				
Casing Description Surface	Set Depth (ftKB)	Run Date	Set Tension (kips)	
	321	8/23/2014		
Centralizers 3	Scratchers			

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	1.80	11.1	12.9			
Cut off	8 5/8	8.097	24.00	J-55	ST&C	0	0.00	12.9	12.9			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	42.00	12.9	54.9			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	5	219.51	54.9	274.4			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	274.4	275.4			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	44.09	275.4	319.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	319.5	321.0			

Jewelry Details									
External Casing Packer									
Type	Setting Requirement	Release Requirements			Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)		
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)		

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger							
Retrievable?	Elastomer Type	Element Center Depth (ft)		Polish Bore Size (in)	Polish Bore Length (ft)		
Slip Description				Set Mechanics			
Setting Procedure							
Unsetting Procedure							

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS #1
Submitted By Xabier Lasa Phone Number 435-824-6014
Well Name/Number GMBU R-24-9-15
Qtr/Qtr SW/SE Section 24 Township 9S Range 15E
Lease Serial Number UTU-02458
API Number 43-013-52273

TD Notice – TD is the final drilling depth of hole.

Date/Time 9/11/14 06:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 9/10/14 4:00 AM ☐ PM ☒

Form 3160-4
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
 Other: _____

2. Name of Operator
NEWFIELD PRODUCTION COMPANY3. Address ROUTE #3 BOX 3630
MYTON, UT 840523a. Phone No. (include area code)
Ph: 435-646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 342' FSL 1783' FEL (SW/SE) SEC 24 T9S R15E (UTU-02458)

At top prod. interval reported below 1192' FSL 2586' FEL (SW/SE) SEC 24 T9S R15E (UTU-02458)

At total depth 1478' FSL 2412' FWL (NE/SW) SEC 24 T9S R15E (UTU-02458)

14. Date Spudded
08/23/201415. Date T.D. Reached
09/12/201416. Date Completed 10/15/2014
☐ D & A ☒ Ready to Prod.5. Lease Serial No.
UTU02458

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU87538X8. Lease Name and Well No.
GMBU R-24-9-159. API Well No.
43-013-5227310. Field and Pool or Exploratory
MONUMENT BUTTE11. Sec., T., R., M., on Block and
Survey or Area SEC 24 T9S R15E (Mer SLB)12. County or Parish
DUCHESNE13. State
UT18. Total Depth: MD 6081'
TVD 5830'19. Plug Back T.D.: MD 6018'
TVD20. Depth Bridge Plug Set: MD
TVD17. Elevations (DF, RKB, RT, GL)*
6107' GL 6118' KB21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	321'		155 CLASS G			
7-7/8"	5-1/2" J-55	15.50	0'	6065'		260 Econocem		0'	
						490 Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@5866'	TA@5708'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4727'	5700'	4727' - 5700' MD	0.34	56	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4727' - 5700' MD	Frac w/ 324,097#s of 20/40 white sand in 3,366 bbls of Lightning 17 fluid, in 4 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/15/14	10/25/14	24	→	105	0	102			2.5 x 1.75 x 20 x 22 RHAC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flowg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flowg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers
GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MARK GARDEN GULCH 1	3499' 3719'
				GARDEN GULCH 2 POINT 3	3831' 4092'
				X MRKR Y MRKR	4369' 4406'
				DOUGLAS CREEK MRK BI CARBONATE MRK	4522' 4735'
				B LIMESTONE MRK CASTLE PEAK	4871' 5457'
				BASAL CARBONATE WASATCH	5938' 6068'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Heather Calder

Title Regulatory Technician

Signature

Heather Calder

Date 11/12/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 24 T9S, R15E
R-24-9-15
Wellbore #1**

Design: Actual

End of Well Report

19 September, 2014





Payzone Directional

End of Well Report



Sundry Number: 57811 API Well Number: 43013522730000

Company: NEWFIELD EXPLORATION		Local Co-ordinate Reference:	
Project: USGS Myton SW (UT)		Well R-24-9-15	
Site: SECTION 24 T9S, R15E		R-24-9-15 @ 6118.0usft (SS #1)	
Well: R-24-9-15		R-24-9-15 @ 6118.0usft (SS #1)	
Wellbore: Wellbore #1		True	
Design: Actual		Minimum Curvature	
		EDM 5000.1 Single User Db	

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA	
Map System:	US State Plane 1983	
Geo Datum:	North American Datum 1983	
Map Zone:	Utah Central Zone	
System Datum:	Mean Sea Level	

Site	SECTION 24 T9S, R15E			
Site Position:	Northing:	7,175,143.19 usft	Latitude:	40° 0' 36.380 N
From:	Eastings:	2,010,834.59 usft	Longitude:	110° 10' 38.920 W
Position Uncertainty:	Slot Radius:	13-3/16 "	Grid Convergence:	0.85 °

Well	R-24-9-15, SHL: 40 00 36.38 -110 10 38.92			
Well Position	+N/-S	0.0 usft	Northings:	7,175,143.17 usft
	+E/-W	0.0 usft	Eastings:	2,010,834.59 usft
Position Uncertainty	Wellhead Elevation:	6,118.0 usft	Latitude:	40° 0' 36.380 N
			Longitude:	110° 10' 38.920 W
			Ground Level:	6,107.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/3/2014	10.94	65.66	51,913

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	316.07	

Survey Program	Date	9/19/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
348.0	6,081.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well R-24-9-15
TVD Reference: R-24-9-15 @ 6118.0usft (SS #1)
MD Reference: R-24-9-15 @ 6118.0usft (SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	348.0	0.31	347.17	348.0	0.9	0.8	-0.2	0.09	0.09	0.00
	378.0	0.79	300.63	378.0	1.1	1.1	-0.4	2.06	1.60	-155.13
	409.0	0.97	316.96	409.0	1.5	1.4	-0.8	0.99	0.58	52.74
	440.0	1.19	343.65	440.0	2.1	1.9	-1.0	1.75	0.71	86.03
	471.0	1.41	345.28	471.0	2.7	2.6	-1.2	0.72	0.71	5.26
	501.0	1.79	355.79	501.0	3.4	3.4	-1.4	1.60	1.27	35.03
	532.0	2.15	355.60	531.9	4.2	4.5	-1.4	1.16	1.16	-0.61
	563.0	2.55	353.19	562.9	5.2	5.7	-1.6	1.33	1.29	-7.77
	594.0	3.08	355.30	593.9	6.4	7.2	-1.7	1.74	1.71	6.81
	624.0	3.38	347.78	623.8	7.8	8.9	-2.0	1.73	1.00	-25.07
	655.0	4.35	344.88	654.8	9.6	10.9	-2.5	3.19	3.13	-9.35
	686.0	4.79	341.06	685.7	11.8	13.3	-3.2	1.73	1.42	-12.32
	717.0	5.32	337.45	716.5	14.3	15.9	-4.2	1.99	1.71	-11.65
	747.0	5.54	335.83	746.4	17.0	18.5	-5.3	0.89	0.73	-5.40
	778.0	5.58	333.45	777.3	19.8	21.2	-6.6	0.75	0.13	-7.68
	809.0	5.84	326.69	808.1	22.8	23.8	-8.1	2.32	0.84	-21.81
	840.0	5.80	320.45	839.0	25.9	26.4	-10.0	2.04	-0.13	-20.13
	870.0	5.80	318.21	868.8	28.9	28.7	-12.0	0.75	0.00	-7.47
	901.0	6.24	318.56	899.6	32.2	31.1	-14.1	1.42	1.42	1.13
	932.0	6.72	319.52	930.4	35.7	33.7	-16.4	1.59	1.55	3.10
	963.0	7.08	321.19	961.2	39.4	36.6	-18.8	1.33	1.16	5.39
	993.0	7.17	320.13	991.0	43.1	39.5	-21.1	0.53	0.30	-3.53
	1,024.0	7.21	320.93	1,021.7	47.0	42.5	-23.6	0.35	0.13	2.58
	1,055.0	7.47	320.71	1,052.5	50.9	45.5	-26.1	0.84	0.84	-0.71
	1,101.0	7.95	320.31	1,098.1	57.1	50.3	-30.0	1.05	1.04	-0.87
	1,145.0	8.66	320.84	1,141.6	63.4	55.2	-34.1	1.62	1.61	1.20



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well R-24-9-15
TVD Reference: R-24-9-15 @ 6118.0usft (SS #1)
MD Reference: R-24-9-15 @ 6118.0usft (SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	1,190.0	8.96	324.40	1,186.1	70.2	60.7	-38.2	1.38	0.67	7.91
	1,236.0	9.71	326.91	1,231.5	77.6	66.9	-42.4	1.85	1.63	5.46
	1,282.0	10.50	325.68	1,276.7	85.5	73.6	-46.9	1.78	1.72	-2.67
	1,328.0	11.25	324.05	1,321.9	94.1	80.7	-51.9	1.76	1.63	-3.54
	1,373.0	11.73	321.55	1,366.0	103.0	87.8	-57.3	1.54	1.07	-5.56
	1,419.0	11.73	316.76	1,411.1	112.4	94.9	-63.5	2.12	0.00	-10.41
	1,465.0	12.17	313.15	1,456.1	121.9	101.6	-70.2	1.89	0.96	-7.85
	1,511.0	12.17	312.36	1,501.0	131.6	108.2	-77.3	0.36	0.00	-1.72
	1,557.0	12.44	313.02	1,546.0	141.3	114.8	-84.5	0.66	0.59	1.43
	1,602.0	12.57	314.51	1,589.9	151.1	121.6	-91.6	0.77	0.29	3.31
	1,648.0	12.26	313.28	1,634.8	161.0	128.4	-98.7	0.89	-0.67	-2.67
	1,694.0	12.48	315.35	1,679.8	170.8	135.3	-105.7	1.08	0.48	4.50
	1,739.0	12.79	316.54	1,723.7	180.6	142.4	-112.6	0.90	0.69	2.64
	1,785.0	12.88	316.18	1,768.5	190.9	149.8	-119.6	0.26	0.20	-0.78
	1,831.0	13.23	316.36	1,813.3	201.3	157.3	-126.8	0.77	0.76	0.39
	1,877.0	13.62	316.27	1,858.1	211.9	165.0	-134.2	0.85	0.85	-0.20
	1,922.0	13.89	316.89	1,901.8	222.6	172.8	-141.5	0.68	0.60	1.38
	1,968.0	15.25	318.12	1,946.3	234.2	181.3	-149.4	3.03	2.96	2.67
	2,014.0	15.79	316.41	1,990.6	246.5	190.4	-157.7	1.54	1.17	-3.72
	2,060.0	16.33	315.36	2,034.8	259.2	199.5	-166.6	1.33	1.17	-2.28
	2,104.0	17.18	317.37	2,077.0	271.9	208.7	-175.3	2.34	1.93	4.57
	2,148.0	17.45	317.06	2,119.0	285.0	218.3	-184.2	0.65	0.61	-0.70
	2,192.0	18.06	315.31	2,160.9	298.4	228.0	-193.5	1.84	1.39	-3.98
	2,238.0	18.02	316.89	2,204.6	312.7	238.2	-203.4	1.07	-0.09	3.43
	2,283.0	18.28	316.80	2,247.4	326.7	248.4	-213.0	0.58	0.58	-0.20
	2,329.0	18.85	315.79	2,291.0	341.3	259.0	-223.1	1.42	1.24	-2.20
	2,375.0	19.34	315.00	2,334.5	356.4	269.7	-233.7	1.20	1.07	-1.72

Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Well R-24-9-15
MD Reference: R-24-9-15 @ 6118.0usft (SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	2,421.0	19.73	315.22	2,377.8	371.8	280.6	-244.5	0.86	0.85	0.48
	2,486.0	20.19	313.82	2,420.1	387.1	291.4	-255.5	1.47	1.02	-3.11
	2,512.0	21.05	313.15	2,463.2	403.3	302.6	-267.2	1.94	1.87	-1.46
	2,558.0	22.06	313.68	2,505.9	420.2	314.2	-279.5	2.24	2.20	1.15
	2,602.0	22.76	314.16	2,546.6	436.9	325.8	-291.6	1.64	1.59	1.09
	2,648.0	22.46	314.38	2,589.1	454.6	338.2	-304.2	0.68	-0.65	0.48
	2,694.0	22.04	314.32	2,631.7	472.0	350.3	-316.7	0.91	-0.91	-0.13
	2,739.0	22.37	314.25	2,673.3	489.0	362.2	-328.9	0.74	0.73	-0.16
	2,785.0	23.16	314.87	2,715.7	506.8	374.7	-341.6	1.79	1.72	1.35
	2,829.0	22.85	314.96	2,756.2	524.0	386.8	-353.7	0.71	-0.70	0.20
	2,873.0	21.93	313.24	2,796.9	540.8	398.5	-365.8	2.57	-2.09	-3.91
	2,917.0	22.59	312.62	2,837.6	557.4	409.9	-378.0	1.59	1.50	-1.41
	2,962.0	22.85	313.55	2,879.1	574.8	421.7	-390.7	0.99	0.58	2.07
	3,008.0	23.01	314.56	2,921.5	592.7	434.2	-403.5	0.92	0.35	2.20
	3,052.0	23.16	314.65	2,962.0	609.9	446.3	-415.8	0.35	0.34	0.20
	3,098.0	23.29	315.52	3,004.3	628.0	459.1	-428.6	0.80	0.28	1.89
	3,144.0	23.86	316.40	3,046.4	646.4	472.4	-441.4	1.46	1.24	1.91
	3,189.0	23.83	315.96	3,087.6	664.6	485.5	-454.0	0.40	-0.07	-0.98
	3,233.0	23.51	315.44	3,127.9	682.3	498.1	-466.3	0.87	-0.73	-1.18
	3,277.0	22.76	314.91	3,168.3	699.6	510.4	-478.5	1.77	-1.70	-1.20
	3,323.0	22.28	314.16	3,210.8	717.2	522.8	-491.1	1.22	-1.04	-1.63
	3,369.0	21.53	313.50	3,253.5	734.3	534.6	-503.5	1.72	-1.63	-1.43
	3,415.0	21.01	312.59	3,296.4	751.0	546.0	-515.7	1.34	-1.13	-1.98
	3,459.0	20.06	312.33	3,337.6	766.4	556.5	-527.0	2.17	-2.16	-0.59
	3,504.0	19.48	314.09	3,379.9	781.6	566.9	-538.1	1.85	-1.29	3.91
	3,550.0	19.25	316.14	3,423.3	796.9	577.7	-548.9	1.56	-0.50	4.46
	3,596.0	18.71	317.23	3,466.8	811.8	588.6	-559.2	1.40	-1.17	2.37

Payzone Directional

End of Well Report



Sundry Number: 57811 API Well Number: 43013522730000

Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Well R-24-9-15
MD Reference: R-24-9-15 @ 6118.0usft (SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	3,640.0	18.50	317.15	3,508.5	825.9	598.9	-568.7	0.48	-0.48	-0.18
	3,685.0	18.54	316.69	3,551.2	840.1	609.3	-578.5	0.34	0.09	-1.02
	3,731.0	19.20	317.02	3,594.7	855.0	620.2	-588.6	1.45	1.43	0.72
	3,777.0	19.57	317.25	3,638.1	870.3	631.3	-599.0	0.82	0.80	0.50
	3,823.0	19.47	316.58	3,681.5	885.7	642.6	-609.5	0.53	-0.22	-1.46
	3,869.0	19.73	316.23	3,724.8	901.1	653.7	-620.2	0.62	0.57	-0.76
	3,915.0	20.13	316.14	3,768.0	916.8	665.1	-631.0	0.87	0.87	-0.20
	3,960.0	19.56	315.44	3,810.4	932.0	676.0	-641.7	1.37	-1.27	-1.56
	4,006.0	18.50	314.51	3,853.9	947.0	686.6	-652.3	2.40	-2.30	-2.02
	4,050.0	18.02	314.69	3,895.6	960.8	696.3	-662.1	1.10	-1.09	0.41
	4,096.0	17.78	315.90	3,939.4	975.0	706.3	-672.0	0.96	-0.52	2.63
	4,141.0	17.36	317.63	3,982.3	988.5	716.2	-681.4	1.49	-0.93	3.84
	4,187.0	17.27	317.02	4,026.2	1,002.2	726.3	-690.6	0.44	-0.20	-1.33
	4,231.0	17.23	317.02	4,068.3	1,015.3	735.8	-699.5	0.09	-0.09	0.00
	4,277.0	17.05	318.34	4,112.2	1,028.8	745.9	-708.7	0.93	-0.39	2.87
	4,322.0	17.49	319.79	4,155.2	1,042.2	756.0	-717.4	1.37	0.98	3.22
	4,368.0	17.57	319.23	4,199.0	1,056.0	766.5	-726.4	0.41	0.17	-1.22
	4,412.0	18.06	319.08	4,240.9	1,069.4	776.7	-735.2	1.12	1.11	-0.34
	4,458.0	18.68	318.43	4,284.6	1,083.9	787.6	-744.8	1.42	1.35	-1.41
	4,504.0	18.72	317.19	4,328.2	1,098.7	798.5	-754.7	0.87	0.09	-2.70
	4,550.0	18.63	316.80	4,371.7	1,113.4	809.3	-764.7	0.33	-0.20	-0.85
	4,596.0	18.15	317.15	4,415.4	1,127.9	819.9	-774.6	1.07	-1.04	0.76
	4,641.0	17.38	317.39	4,458.2	1,141.6	830.0	-783.9	1.72	-1.71	0.53
	4,687.0	17.31	316.27	4,502.2	1,155.3	840.0	-793.3	0.74	-0.15	-2.43
	4,733.0	17.23	315.57	4,546.1	1,169.0	849.8	-802.8	0.48	-0.17	-1.52
	4,779.0	17.05	313.94	4,590.0	1,182.5	859.3	-812.4	1.12	-0.39	-3.54
	4,825.0	16.61	312.49	4,634.1	1,195.8	868.5	-822.1	1.32	-0.96	-3.15



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well R-24-9-15
TVD Reference: R-24-9-15 @ 6118.0usft (SS #1)
MD Reference: R-24-9-15 @ 6118.0usft (SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	4,870.0	16.35	311.75	4,677.2	1,208.6	877.0	-831.6	0.74	-0.58	-1.64
	4,916.0	15.18	311.48	4,721.5	1,221.0	885.3	-841.0	2.55	-2.54	-0.59
	4,962.0	15.02	312.55	4,765.9	1,233.0	893.3	-849.9	0.70	-0.35	2.33
	5,008.0	14.94	313.99	4,810.3	1,244.9	901.5	-858.5	0.83	-0.17	3.13
	5,054.0	15.15	313.86	4,854.8	1,256.8	909.8	-867.1	0.46	0.46	-0.28
	5,098.0	15.29	313.24	4,897.2	1,268.3	917.7	-875.5	0.49	0.32	-1.41
	5,143.0	16.37	316.08	4,940.5	1,280.6	926.4	-884.2	2.95	2.40	6.31
	5,189.0	16.00	316.36	4,984.7	1,293.4	935.6	-893.1	0.82	-0.80	0.61
	5,235.0	15.78	313.94	5,028.9	1,306.0	944.5	-902.0	1.52	-0.48	-5.26
	5,281.0	15.91	312.76	5,073.2	1,318.6	953.2	-911.1	0.76	0.28	-2.57
	5,326.0	15.21	313.06	5,116.5	1,330.6	961.4	-919.9	1.57	-1.56	0.67
	5,370.0	15.91	314.25	5,158.9	1,342.4	969.5	-928.5	1.75	1.59	2.70
	5,416.0	16.79	315.83	5,203.1	1,355.3	978.7	-937.6	2.14	1.91	3.43
	5,462.0	17.27	313.24	5,247.0	1,368.8	988.1	-947.2	1.95	1.04	-5.63
	5,508.0	17.40	313.06	5,291.0	1,382.5	997.5	-957.2	0.31	0.28	-0.39
	5,553.0	17.58	312.93	5,333.9	1,396.0	1,006.7	-967.1	0.41	0.40	-0.29
	5,599.0	18.03	313.06	5,377.7	1,410.0	1,016.3	-977.4	0.98	0.98	0.28
	5,645.0	19.91	314.60	5,421.2	1,425.0	1,026.7	-988.2	4.23	4.09	3.35
	5,689.0	21.05	315.35	5,462.4	1,440.4	1,037.6	-999.1	2.66	2.59	1.70
	5,735.0	21.23	316.84	5,505.3	1,457.0	1,049.5	-1,010.6	1.23	0.39	3.24
	5,780.0	21.46	317.82	5,547.2	1,473.3	1,061.6	-1,021.7	0.94	0.51	2.18
	5,826.0	21.71	317.55	5,590.0	1,490.3	1,074.1	-1,033.1	0.58	0.54	-0.59
	5,872.0	21.05	316.54	5,632.8	1,507.0	1,086.4	-1,044.5	1.64	-1.43	-2.20
	5,918.0	20.26	315.31	5,675.9	1,523.3	1,098.0	-1,055.8	1.96	-1.72	-2.67
	5,963.0	19.25	314.65	5,718.2	1,538.5	1,108.8	-1,066.5	2.30	-2.24	-1.47
	6,009.0	19.38	314.39	5,761.6	1,553.7	1,119.4	-1,077.4	0.34	0.28	-0.57
	6,027.0	19.29	314.38	5,778.6	1,559.6	1,123.6	-1,081.6	0.50	-0.50	-0.06



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well R-24-9-15
R-24-9-15 @ 6118.0usft (SS #1)
R-24-9-15 @ 6118.0usft (SS #1)
True
Minimum Curvature
EDM 5000.1 Single User Db

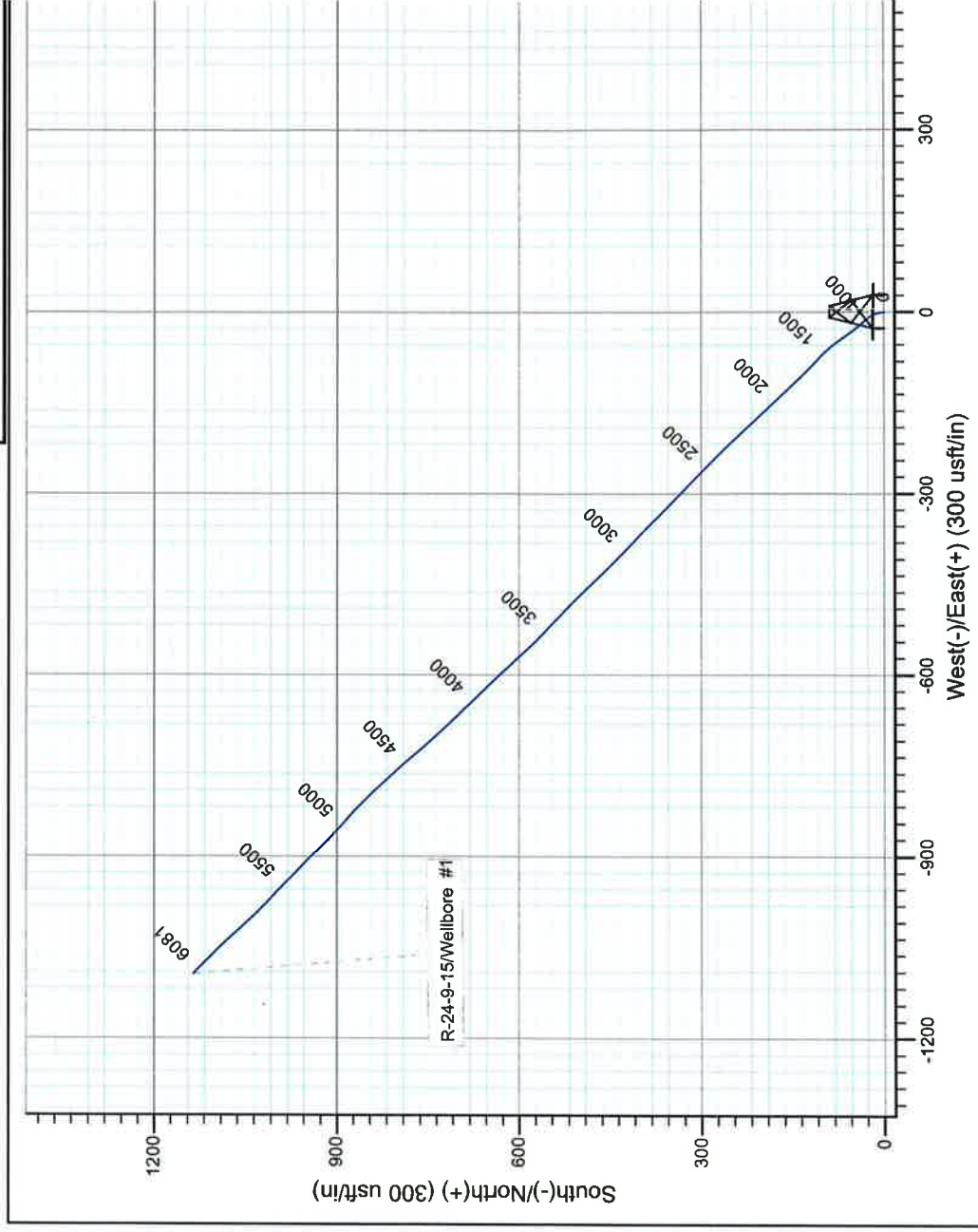
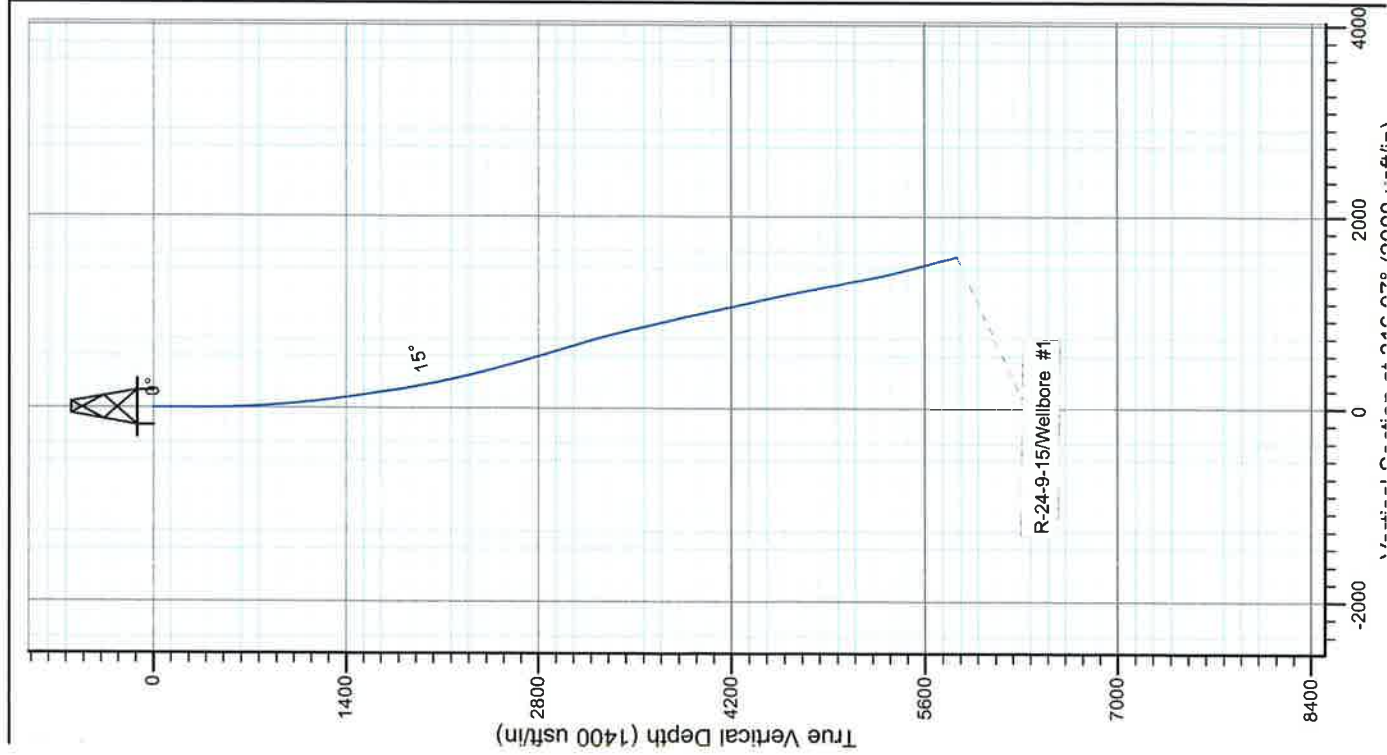
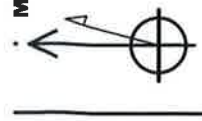
Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,081.0	19.29	314.38	5,829.6	1,577.5	1,136.1	-1,094.4	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____



Project: USGS Myton SW (U1)
Site: SECTION 24 T9S, R15E
Well: R-24-9-15
Wellbore: Wellbore #1
Design: Actual

Azimuth to True North:
Magnetic North: 10.94°
Magnetic Field
Strength: 51913.0snT
Dip Angle: 65.66°
Date: 9/3/2014
Model: IGRF2010



Design: Actual (R-24-9-15/Wellbore #1)

Created By: Matthew Linton Date: 8:58, September 19

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

NEWFIELD



Summary Rig Activity

Well Name: GMBU R-24-9-15

Job Category		Job Start Date		Job End Date	
Daily Operations					
Report Start Date	Report End Date	24hr Activity Summary			
9/29/2014	9/30/2014	CBL/test/perf			
Start Time	End Time	Comment			
	00:00	SDFN			
Start Time	End Time	Comment			
	05:30	MIRU Extreme Wireline. Safety mtg.			
Start Time	End Time	Comment			
	06:00	RIH w/CBL tools. Run log from 5990 to surface under 0 psi. Estimated cement top @ surface. SJ @ 3163-74'.			
Start Time	End Time	Comment			
	07:30	RU B&C Quicktest. PSI test csg/BOP/frac valve-good tests.			
Start Time	End Time	Comment			
	09:00	RIH w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) . Perforate stg 1 @ CP3 5696-5700', 5670-72', CP2 5626-28', 5612-14' w/ 2spf for total of 20 shots. POOH w/wireline.			
Start Time	End Time	Comment			
	09:30	SDFN			
Report Start Date	Report End Date	24hr Activity Summary			
10/1/2014	10/2/2014	Frac/flowback			
Start Time	End Time	Comment			
	00:00	SDFN			
Start Time	End Time	Comment			
	11:30	Rig up Nabors frac crew			
Start Time	End Time	Comment			
	13:30	Location safety mtg			
Start Time	End Time	Comment			
	13:45	PSI test all frac iron & equipment			
Start Time	End Time	Comment			
	14:00	Stage #1, CP3 & CP2 sands. 224 psi on well. Frac CP3 & CP2 w/97.511#s of 20/40 White sand in 515 bbls 17# Crosslinked fluid. Broke @ 2663 psi @ 2.6 BPM. ISIP 1625 psi, FG= 75. Treated w/ ave pressure of 2505 psi @ ave rate of 42 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 2040 psi. FG=80 5 min SIP 1860 psi, 10 min SIP 1794 psi, 15 min SIP 1772 psi. Leave pressure on well. 903 total BWTR.			
Start Time	End Time	Comment			
	14:30	RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5500'. Perforate LBLKSH @ 5420-24' w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 8 shots.			
Start Time	End Time	Comment			
	15:15	Stage #2, LBLKSH sands. 1491 psi on well. Frac LBLKSH sds w/23,423#s of 20/40 White sand in 233 bbls 17# Crosslinked fluid. Broke @ 1572 psi @ 2.0 BPM. Treated w/ ave pressure of 2743 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 1825 psi. FG= 77, 5 min SIP 1779 psi, 10 min SIP 1706 psi, 15 min SIP 1684 psi. Leave pressure on well. 558 total BWTR			
Start Time	End Time	Comment			
	15:45	RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5340'. Perforate LODC sands @ 5261-65', 5120-21', 5108-09' w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 12 shots.			
Start Time	End Time	Comment			
	16:15				
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Page 1/4					
Report Printed: 11/6/2014					



NEWFIELD

Well Name: GMBU R-24-9-15

Summary Rig Activity

Sundry Number: 57811 API Well Number: 43013522730000

Start Time	16:15	End Time	16:45	Comment
				Stage #3, LODC sands. 1572 psi on well. Frac LODC sds w/80,836#s of 20/40 White sand in 419 bbls 17# Crosslinked fluid. Broke @ 1638 psi @ 1.9 BPM. Treated w/ ave pressure of 2611 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2400 psi. FG=.90, 5 min SIP 2124 psi, 10 min SIP 2014 psi, 15 min SIP 1985 psi. Leave pressure on well. 868 total BWTR
Start Time	16:45	End Time	17:30	Comment
				RU Extreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Nabors blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 4910'. Perforate B1 & C sands @ 4831-35', 4802-03', 4792-93', 4727-29' slick guns (16g, 0.34 EH, 21.00 pen) w/2 spf for total of 16 shots.
Start Time	17:30	End Time	18:15	Comment
				Stage #4, GB4 sands. 1601 psi on well. Frac GB4 sds w/101,075#s of 20/40 White sand in 530 bbls 17# Delta 140 fluid. Broke @ 1704 @ 1.8 BPM. Treated w/ ave pressure of 2539 psi @ ave rate of 34 BPM. ISDP 2015 psi. FG=.86, 5 min SIP 1875 psi. 1037 total BWTR
Start Time	18:15	End Time	22:00	Comment
				Open well to pit @ 3bpm. Flowed until well turned to oil. Returned approx. 600 bbl.
Start Time	22:00	End Time	00:00	Comment
				SDFN
Report Start Date	10/2/2014	Report End Date	10/3/2014	24hr Activity Summary
Start Time	00:00	End Time	07:30	Comment
				SDFN
Start Time	07:30	End Time	08:00	Comment
				RU Extreme Wireline, conduct safety mtg.
Start Time	08:00	End Time	08:45	Comment
				RIH w/Weatherford 5k composite bridge plug. Set KP @ 4630', bleed pressure off well.
Start Time	08:45	End Time	13:00	Comment
				Frac S-24-9-15.
Start Time	13:00	End Time	00:00	Comment
				SDFN Hydration Unit broke down
Report Start Date	10/13/2014	Report End Date	10/4/2014	24hr Activity Summary
Start Time	14:30	End Time	05:00	Comment
				SWI
Start Time	05:00	End Time	07:00	Comment
				S/I T-SILL, SIRU, STRETCH GUY LINES, S/I PIPE RACKS, & UNLOAD TBG, RIU WORKFLOOR & TBG EQUIP, RIU HARDLINE.
Start Time	07:00	End Time	08:30	Comment
				PREP & TALLY TBG, MUJ & RIH W/ BIT, BIT SUB, 2-JNTS 2 7/8" J-55 TBG, S/N, 48-JNTS 2 7/8" J-55 TBG. (DOOR CAME UNLATCHED ON NEW ELEVATORS SO S/D FOR NEW ELEVATORS IN MORNING), SIW, GHFN.
Start Time	08:30	End Time	09:30	Comment
				CREW TRAVEL
Start Time	09:30	End Time	14:30	Comment
				SWIFN
Report Start Date	10/14/2014	Report End Date	10/15/2014	24hr Activity Summary
Start Time	00:00	End Time	06:00	Comment
				SWIFN



Well Name: GMBU R-24-9-15

Summary Rig Activity

Sundry Number: 57811 API Well Number: 43013522730000

Start Time	06:00	End Time	07:00	Comment CREW TRAVEL, JSA, JSP, START EQUIPMENT
Start Time	07:00	End Time	08:30	Comment CHECK PRESSURES (TBG & CSNG 0-PSI), UNLOCK RAMS, X-OUT ELEVATORS, PIU & RIH W/89-JNTS 2 7/8" J-55 TBG & TAG FILL @4575'.
Start Time	08:30	End Time	12:30	Comment SIRU SWIVEL, CLEAN OUT FILL & D/O K/P 11' OUT ON JNT 140 @4630' (55' OF FILL, 12-MINS TO DRILL PLUG, NO NOTICABLE PRESSURE), RIH TO 4' IN ON JNT 149 & DRILL F/T PLUG @4910' (12 MINS TO DRILL, NO-FILL), RIH & DRILL PLUG 4' IN ON JNT 162 (9-MINS TO DRILL PLUG, NO -FILL), RIH & TAG FILL @5390', CLEAN OUT TO 1' OUT ON JNT 166 & DRILL F/T PLUG @5500' (8 MINS TO DRILL PLUG, 110' OF FILL), CIRCULATE HOLE CLEAN, RIH & TAG FILL @5868' CLEAN OUT FILL TO 13' OUT ON JNT 182 @6018' PBTD.
Start Time	12:30	End Time	13:30	Comment CIRCULATE 160 BBLs UNTIL WELLBORE WAS CLEAN. R/D SWIVEL.
Start Time	13:30	End Time	15:00	Comment L/D 6-JNTS 2 7/8" J-55 TBG (11-JNTS ON RACKS), TOOH W/ 176-JNTS 2 7/8" J-55 TBG, L/D BIT SUB & BIT.
Start Time	15:00	End Time	16:30	Comment M/U & RIH W/ PURGE VALVE (.80'), 2-JNTS 2 7/8" J-55 TBG (66.24'), #3 DESANDER (17.08'), 4' X 2 7/8" J-55 TBG SUB (4.10'), 1-JNT 2 7/8" J-55 TBG (33.10'), S/N (1.10' @5743.82'), 1-JNT 2 7/8" J-55 TBG (33.08'), TAC (2.75' @5707.99'), 172-JNTS 2 7/8" J-55 TBG (5694.41'), M/U 4' SUB, HNGR (.80'), 1-JNT & SET TAC FROM RIG FLOOR @1.78' STRETCH FOR 18K TENSION, LAND HNGR, L/D SETTING JNT. EOT @5866.24'
Start Time	16:30	End Time	17:30	Comment R/D WORKFLOOR & TBG EQUIP, N/D BOP'S, UNLAND HANGER, REMOVE 4' SUB, LAND WELL. N/U WELLHEAD.
Start Time	17:30	End Time	18:30	Comment CLEAN UP & LOAD TBG EQUIP, S// ROD TRAILOR, PREP RODS, LOAD BLIND RAMS ONTO ACCUMULATOR, LOAD BOP'S ONTO SKID, SIW, GHFN.
Start Time	18:30	End Time	19:30	Comment CREW TRAVEL
Start Time	19:30	End Time	00:00	Comment SWIFN
Report Start Date 10/15/2014	Report End Date 10/15/2014	24hr Activity Summary RIH W/ RODS		
Start Time	00:00	End Time	06:00	Comment SWIFN
Start Time	06:00	End Time	07:00	Comment CREW TRAVEL, JSA, JSP, START EQUIPMENT
Start Time	07:00	End Time	08:00	Comment CHECK PRESSURES (TBG & CSNG 400-PSI), PUMP 60-BW DWN TBG.
Start Time	08:00	End Time	10:30	Comment P/U & STROKE NEW WEATHERFORD PUMP #4183 2 1/2 X 1 3/4 X 20 X 22 X 22. RIH W/ PUMP, 30-7/8" 8 PERS, 125- 3/4" 4 PERS, 73-7/8" 4 PERS, S/O W/ 1-6', 1-4' & 1-2' X 7/8" PONIES, P/U POLISH ROD & CLAMP.
Start Time	10:30	End Time	11:30	Comment STROKE W/ RIG TO 800-PSI (GOOD TEST), HANG HEAD, ADJUST 12" OFF DBL TAG, ADJUST BRIDLE & HEAD.
Start Time	11:30	End Time	13:00	Comment R/D WRAP GUY LINES, P/U T-SILL, LOAD EQUIPMENT & TRAILERS, R/O HARDLINE & RIG PUMP, PWOP, MOLO.

NEWFIELD



Well Name: GMBU R-24-9-15

Summary Rig Activity

Start Time	13:00	End Time	14:00	Comment
Start Time	14:00	End Time	15:00	Comment
Start Time	15:00	End Time	00:00	Comment

PRE-TRIP INSPECTIONS, MOVE RIG & EQUIP CLOSE TO THE W-36-8-15, SDFN.

CREW TRAVEL

SWIFN

NEWFIELD**Well Name: GMBU S-24-9-15****Summary Rig Activity**

Job Category		Job Start Date		Job End Date	
Daily Operations					
Report Start Date	Report End Date	24hr Activity Summary			
10/22/2014	10/22/2014	MIRUSU, TOO H W/ RODS, TOO H W/ TBG			
Start Time	End Time	Comment			
06:00	07:00	Crew travel and safety mtg			
Start Time	End Time	Comment			
07:00	09:30	RDMO 3-19-4-2W road rig to S-24-9-15 MIRU remove head from unit wait on wtr.			
Start Time	End Time	Comment			
09:30	12:30	RU HO pump 60bbls down csg @250f PU on rods no action w/ pull rod its stuck up work on unseating pump 2 1/2hr pump another 60bbls down csg pushing 500psi this time PU on rods pump dragged up hole 30' before came free.			
Start Time	End Time	Comment			
12:30	15:30	RU HO to flush tbg got 2bbls down then pres up to 1500psi holding solid bleed off pres POOH w/ rods same as on rod detail LD pump pull rod was stuck out of barrel.			
Start Time	End Time	Comment			
15:30	17:00	X-over to tbg eqp ND WH pull hanger NU bops RD work floor. work tbg up and down 1 hr holding right hand tork got free pull up hole went back in tag fill @5760' have 195' new fill LD 1jt.			
Start Time	End Time	Comment			
17:00	20:00	TOOH w/ tbg 20 jt tbg full RU HO try flush pres up to 4500psi no go cont TOOH w/ tbg desander and both tail jts where full of sand SWIFN(TIH CLEAN OUT TO PBTD IN AM)			
Start Time	End Time	Comment			
20:00	21:00	Crew travel			
Report Start Date	Report End Date	24hr Activity Summary			
10/23/2014	10/23/2014	BAIL FILL, TIH W/ TBG			
Start Time	End Time	Comment			
06:00	07:00	crew travel and safety mtg			
Start Time	End Time	Comment			
07:00	10:00	MU RIH w/ 4 3/4 rock bit 172 jts J-55 2 7/8 tbg RU RBS swivel tally pipe on trailer.			
Start Time	End Time	Comment			
10:00	13:00	Clean out 195' sand to PBTD @5955' circ well clean for 1hr half lost total of 260bbls while cleaning out.			
Start Time	End Time	Comment			
13:00	15:00	Rack out swivel LD 8jts TOOH w/ 172 jts LD bit sub.			
Start Time	End Time	Comment			
15:00	16:00	MU RIH w/ new perge valve,2jts,new rebuilt Desander,tbg sub,1jt,new PSN,1jt,new TAC w/carbite slips(45K shear),168 jts (Weatherford perge valve,desander,tac,psn) No changes to tbg detail.			
Start Time	End Time	Comment			
16:00	17:00	RD floor and tbg works ND bops PU set TAC @5571' w/ 18,000 tension land on tbg hanger NU WH PSN @5607' EOT @5730' SWIFN (RUN RODS IN THE MORNING)			
Start Time	End Time	Comment			
17:00	18:00	crew travel			
Report Start Date	Report End Date	24hr Activity Summary			
10/24/2014	10/24/2014	TIH W/ RODS, PWOP, FINAL REPORT!			
Start Time	End Time	Comment			
06:00	07:00	crew travel and safety mtg			
Start Time	End Time	Comment			
07:00	10:00	PU prime new Weatherford pump 2 1/2x1 3/4x20x22' RHAC MSL 184" RIH w/ rods same as pulled no changes (add new Stufin Box and Ratigan to well head) hang head on unit fill tbg w/ 1/2bbl stroke test pump to 800psi good 145" SL 5SPM RDMO, FINAL REPORT!			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458																														
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																														
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU R-24-9-15																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0342 FSL 1783 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013522730000																														
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE																														
STATE: UTAH																																
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/15/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input checked="" type="checkbox"/> OTHER</td> <td>OTHER: <input type="text" value="Well Cleanout"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Well Cleanout"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield will be doing a well clean out on the above mentioned well with the intention of increasing production and bringing the well back up to economic production levels.																																
		Accepted by the Utah Division of Oil, Gas and Mining Date: November 23, 2016 By: <u><i>Derek Duff</i></u>																														
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825																														
SIGNATURE N/A		TITLE Regulatory Tech																														
		DATE 11/15/2016																														

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/28/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
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	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Well Clean Out"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 11/28/2016, the well clean out was completed on the above mentioned well. See attached rig summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 30, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/29/2016	

NEWFIELD**Summary Rig Activity****Well Name: GMBU R-24-9-15**

Job Category Production / Workover	Job Start Date 11/15/2016	Job End Date
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Daily Operations

Report Start Date 11/15/2016	Report End Date 11/15/2016	24hr Activity Summary MIRUSU. Unseat pump. Test tbg. TOO H w/ rods.
Start Time 10:30	End Time 11:30	Comment Travel to location. Held safety meeting. Hot oiler pumped 60 bbls wtr down casing @ 2000 psi @ 3/8 bpm.
Start Time 11:30	End Time 13:00	Comment MIRUSU. Unseat pump @ 7K over string wieght.
Start Time 13:00	End Time 14:00	Comment Flush rods w/ 20 bbls wtr. Pumped 7 bbls to fill and then pressure went to 2500 psi @ 1/4 bpm.
Start Time 14:00	End Time 14:30	Comment Soft seat pump and test tbg to 3000 psi w/ 1/2 bbl.
Start Time 14:30	End Time 16:00	Comment TOOH w/ 1 1/2" x 30' pl rd, 4',6' x 7/8" pry rds, 73- 7/8" 4per rds, 125- 3/4" 4per rds, 30- 7/8" 8per rds, 2 1/2 x 1 1/2" x 22' RHAC pump.
Start Time 16:00	End Time 17:30	Comment RD wellhead. Instal 4' pump under hanger. Tubing is feeling light (tbg anchor has slid up hole). RU tonques and try to release TA (wouldn't release). RU BOP's. Well is flowing up casing. Tbg is dead. As stabbing BOP's well came alive. Leave flowing to production tank. SIFN. Pumped 80 bbls total today.
Start Time 17:30	End Time 18:00	Comment Crew travel.
Report Start Date 11/16/2016	Report End Date 11/16/2016	24hr Activity Summary Work TBG W/ tongs trying to free up TAC, pulling up to 90K Pump 60 BBLS down CSG, still taking 2000psi to move fluid RU power swivel, work TBG up to 90K, (unsuccessful) RD power swivel, RU Perforators wireline RIH to free point TBG, TBG stuck @ 5600' no movement (109' above TAC), TBG 100% free @ 5500' RIH Perforating 4 holes from 5500-5501' Foreman and hot oiler staying to pump 10 BBLS of 15% HCL Shut down for night
Start Time 06:00	End Time 06:30	Comment Crew travel from yard to location
Start Time 06:30	End Time 07:00	Comment Conduct daily safety meeting and JSA on location.
Start Time 07:00	End Time 08:30	Comment Work tubing w/ tongs trying to free up tubing anchor, pulling up to 90000# tension
Start Time 08:30	End Time 09:30	Comment Rig up hot oiler. Pump 60 bbl. down casing, 2000psi to move fluid
Start Time 09:30	End Time 13:00	Comment Rig up power swivel. Cont. work tubing, pulling up to 90000# tension, (unsuccessful)
Start Time 13:00	End Time 14:00	Comment Rig down power swivel, Rig up Perforators wireline
Start Time 14:00	End Time 16:00	Comment Run in hole w/ wireline free point tool, Tubing stuck @ 5600' no movement (109' above TAC), TBG 100% free @ 5500' Run in hole w/ perf gun. Perforate 4 holes from 5500-5501' Pump 10 BBLS of 15% HCL down tubing. Spot acid outside perf holes.
Start Time 16:00	End Time 16:30	Comment Crew travel from location to yard

NEWFIELD**Summary Rig Activity****Well Name: GMBU R-24-9-15**

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Daily Operations

Report Start Date 11/17/2016	Report End Date 11/17/2016	24hr Activity Summary RU TBG swivel, work TBG up to 95K trying to free up TBG unable to get any movement RD power swivel, Rig maintenance while waiting on wireline to arrive. RU Single Shot wire line, RIH free point TBG, 5525' 80% free, 5600 0% free, 5560 0% free, 5530' 30% free, POOH free point tool, RIH w/ Chemical cutter, cut TBG @ 5520' (186' above TAC), Pulled 60K before tubing coming free POOH w/ 166 JNTS, 7' cut JNT (Talley out) , (Last full JNT was perforated JNT) RIH w/ 4 3/4" Kutrite Shoe, 8 JNTS wash pipe (4 1/2" OD), X-O, bumper sub, jar, X-O, 6' sub, 44 JNTS out of derrick SWIFN, EOT @ 1743.87
Start Time 06:00	End Time 06:30	Comment Crew travel from yard to location.
Start Time 06:30	End Time 07:00	Comment Conduct daily safety meeting and JSA on location.
Start Time 07:00	End Time 10:30	Comment Rig up power swivel Work tubing w/ powerswivel pulling up to 95,000# tension. Unable to get any movement
Start Time 10:30	End Time 11:30	Comment Rig down power swivel, Perform rig maintenance while waiting on wireline to arrive.
Start Time 11:30	End Time 14:00	Comment Rig up Single Shot wire line, Run in hole w/ free point 5525' 80% free, 5600 0% free, 5560 0% free, 5530' 30% free, Pull out of hole w/ free point tool, Rig up and run in hole w/ Chemical cutter, Cut tubing @ 5520' (186' above TAC), Pulled 60,000# tension before coming free
Start Time 14:00	End Time 16:00	Comment Trip and tally out of hole w/ 166) jts 2-7/8" J55, 7' cut joint , (Last full joint was perforated from yesterday)

NEWFIELD**Summary Rig Activity****Well Name: GMBU R-24-9-15**

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Start Time 16:00		End Time 17:30	Comment Make up and trip in hole w/ 44) Jnts 2-7/8" J55 out of derrick X-O, 6' sub jar, bumper sub, X-O, 8) jnts wash pipe (4 1/2" OD), 4-3/4" Kutrite Shoe, SWIFN, EOT @1743.87
Start Time 17:30		End Time 18:00	Comment Crew travel from location to yard.
Report Start Date 11/18/2016	Report End Date 11/18/2016	24hr Activity Summary TIH w/ wash pipe. C/O sand to TA. TOO H w/ tbg to leave EOT above perfs.	
Start Time 06:00		End Time 07:00	Comment Travel to location. Start equipment. Held safety meeting.
Start Time 07:00		End Time 08:00	Comment Open well. Flow well back. TIH w/ 80 jts tbg. Well kicking. Instal TIW valve.
Start Time 08:00		End Time 09:30	Comment RU pump and tank. Circulate 120 bbls down csg up tbg.
Start Time 09:30		End Time 10:00	Comment TIH w/ 53 more jts tbg.
Start Time 10:00		End Time 11:30	Comment RU power swivel. RU washington head. Clean up oil mess.
Start Time 11:30		End Time 16:30	Comment Break circulation. 2.5 bpm in 2.5 bpm out @ 425 psi. Wash over fish top @ 5519'. Tag fill @ 5538'. Circulate sand out to 5706' (TA). Circulate clean. Some metal shavings (sand all the way).
Start Time 16:30		End Time 17:00	Comment Rack swivel back in derrick. Lay down 1 jt tbg. TOO H w/ 32 jts tbg to leave EOT @ 4623' (above perfs).
Start Time 17:00		End Time 17:30	Comment Drain pump and add diesel full.
Start Time 17:30		End Time 18:00	Comment Travel to shop.
Report Start Date 11/21/2016	Report End Date 11/21/2016	24hr Activity Summary Crew Travel F/ NFX Yard to Location. Crew Safety Meeting. Go over JSA and days activities. Rig up laydown line and laydown 6jts of 2 7/8" J-55 Tubing. Trip in hole W/ 32jts of 2 7/8" J-55 Tubing out of derrick. Pickup RBS Power Swivel. Pickup 1 jt of trailer Rig up pump, and break circulation. Circulate Well clean down the Casing and back up the Tubing. Pickup 6 jts of Tubing off trailer. Wash and cut on anchor. Pressured up, picked up and tried to set back down, Anchor had fallen. Pick up 1 more joint and tagged up. (Fish fell 25')Washed and cut on anchor. Decision made to trip out of hole to see if fish is hung up in wash pipe. Laydown 1 jt of tubing and trip out of hole W/ 164jts of 2 7/8" J-55 Tubing, 8jts of 4 1/2" Wash Pipe, Laydown Jars , bumper sub and Mill shoe. (No fish) Pick up 4 11/16" Overshot, Bumper Sub, Jars, Cross over, 2 7/8" Pup Joint. Trip in hole in W/ 80jts of 2 7/8" J-55 Tubing, SWIFN. Drain Pump, fill W/ Diesel. Drain all hoses.Rig Service, check brakes, linkage, and all pins. Check fluids and add where needed. Crew Travel back to NFX Yard.	
Start Time 06:00		End Time 06:30	Comment Crew Travel F/ NFX Yard to Location.

NEWFIELD**Summary Rig Activity****Well Name: GMBU R-24-9-15**

Start Time 06:30	End Time 07:00	Comment Crew Safety Meeting. Go over JSA and days activities.
Start Time 07:00	End Time 08:30	Comment Rig up laydown line and laydown 6jts of 2 7/8" J-55 Tubing. Trip in hole W/ 32jts of 2 7/8" J-55 Tubing out of derrick.
Start Time 08:30	End Time 10:00	Comment Pickup RBS Power Swivel. Pickup 1 jt of trailer Rig up pump, and break circulation. Circulate Well clean down the Casing and back up the Tubing.
Start Time 10:00	End Time 12:30	Comment Pickup 6 jts of Tubing off trailer. Wash and cut on anchor. Pressured up, picked up and tried to set back down, Anchor had fallen. Pick up 1 more joint and tagged up. (Fish fell 25')Washed and cut on anchor. Decision made to trip out of hole to see if fish is hung up in wash pipe.
Start Time 12:30	End Time 15:00	Comment Laydown 1 jt of tubing and trip out of hole W/ 164jts of 2 7/8" J-55 Tubing, 8jts of 4 1/2" Wash Pipe, Laydown Jars , bumper sub and Mill shoe. (No fish)
Start Time 15:00	End Time 16:30	Comment Pick up 4 11/16" Overshot, Bumper Sub, Jars, Cross over, 2 7/8" Pup Joint. Trip in hole in W/ 84jts of 2 7/8" J-55 Tubing . SWIFN
Start Time 16:30	End Time 17:30	Comment Drain Pump, fill W/ Diesel. Drain all hoses.Rig Service, check brakes, linkage, and all pins. Check fluids and add where needed.
Start Time 17:30	End Time 18:00	Comment Crew Travel back to NFX Yard.
Report Start Date 11/22/2016	Report End Date 11/22/2016	24hr Activity Summary Continue TIH w/ tbg to fish top. Work grapple over fish top. Latch up fish. Set off jars 1 time. Rotate tbg to right. Release TAC. Start TOO H w/ tbg. TAC hung up @ 5091'. Was able to RIH w/ tbg but could not come up. Work to free w/ out success. TIH w/ tbg to top of fill. Work tbg to free TAC. TAC hung up. Rotated tbg to right. TBG pulled free. TOO H w/ tbg. Find tbg to have parted second jt below cut off jt. TIH w/ 20 jt kill string. SWIFN
Start Time 06:00	End Time 06:30	Comment Crew travel to location.
Start Time 06:30	End Time 07:00	Comment Pre-job safety meeting & JSA discussion.
Start Time 07:00	End Time 08:00	Comment TIH w/ remaining 80 jts tbg out of derrick.
Start Time 08:00	End Time 08:30	Comment PU 2 jts tbg off of trailer. Work tbg over fish top. Latch onto fish. Set off jars @ 20K over string wt. Attempt to turn tbg to right. TAC released. Was able to pull tbg free.
Start Time 08:30	End Time 09:30	Comment TOOH w/ 20 jts tbg. TAC hung up @ 5091'. Attempt to work tbg free. Was able to travel down w/ out issue. Could not pull up w/ out pulling over.
Start Time 09:30	End Time 10:00	Comment RU pump to csg. Attempt to circulate well. Pressure up to 1000 psi. Attempt to work tbg free w/ out success.
Start Time 10:00	End Time 11:00	Comment TIH w/ 20 jts tbg to stack out fish on top of fill.
Start Time 11:00	End Time 12:00	Comment Tie rig back to single line. RU power swivel. Attempt to work tbg free. TBG torqued up to 500 psi & popped free. Was able to pull up hole free.
Start Time 12:00	End Time 15:30	Comment Tie rig back to double fast line. TOO H w/ 164 jts tbg, lay down 6' pup jt, fishing tools, & 26' cut off jt. Find tbg to have parted 14' of jt below cut jt.

NEWFIELD**Summary Rig Activity****Well Name: GMBU R-24-9-15**

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Start Time 15:30	End Time 16:00	Comment TIH w/ 20 jt kill string.
Start Time 16:00	End Time 16:30	Comment Drain pump & lines. Perform post shift rig inspection.
Start Time 16:30	End Time 17:00	Comment Crew travel from location.
Report Start Date 11/23/2016	Report End Date 11/23/2016	24hr Activity Summary TOOH w/ 20 jt kill string. MU new 4 3/4" mill shoe & 2 additional jts 4 1/2" wash pipe. TIH w/ 8 jts wash pipe out of derrick, x - over, bumper sub, jars, x over, 6' pup jt, & 158 jts 2 7/8" 6.5# EUE J-55 tbg. Wash over fish top (18' stub, 4 jts, TAC, 1 jt, PSN, pup jt, desander, 2 jts, & purge valve) @ 5587'. Wash down to TAC @ 5735'. Mill over TAC. Continue to wash to 5746'. Seen sand and metal shavings in returns. Circulate well clean. TOOH w/ 64 jts tbg to leave EOT above top perfs @ 3831'. SWIFW
Start Time 06:00	End Time 06:30	Comment Crew travel to location.
Start Time 06:30	End Time 07:00	Comment Pre-job safety meeting & JSA discussion.
Start Time 07:00	End Time 08:00	Comment LD 8 jts tbg. TOOH w/ 12 jts tbg to derrick.
Start Time 08:00	End Time 10:00	Comment MU new 4 3/4" cut rite mill shoe. PU 2 additiotl jts 4 1/2" wash pipe. TIH w/ 8 jts wash pipe out of derrick. PU bumper sub & jars. TIH w/ 158 jts 2 7/8" tbg out of derrick.
Start Time 10:00	End Time 11:00	Comment RU power swivel & rig pump. Work tbg over fish top (fish - 18' stub, 4 jts tbg, TAC, 1 jt, PSN, 1 jt, pup jt, desander, 2 jts, & purge valve). Wash over fish top to TAC w/ 4 jts tbg. Tag TAC @ 5735'.
Start Time 11:00	End Time 16:00	Comment Mill over TAC. Continue in hole to 5746' w/ out issue. Circulate well clean.
Start Time 16:00	End Time 16:30	Comment TOOH w/ 64 jts tbg to leave EOT abve top perf @ 3831'. SWIFW
Start Time 16:30	End Time 17:30	Comment Drain pump & lines. Perform post shift rig inspection & maintenance.
Start Time 17:30	End Time 18:00	Comment Crew travel from location.
Report Start Date 11/28/2016	Report End Date 11/28/2016	24hr Activity Summary Crew Travel Crew safety meeting, discussed rig JSA 200 psi on TBG, 40 psi on CSG, Bleed down CSG and TBG, TBG starting to kick gas and oil, RU pump, circulate 100 bbl. water down TBG returning up CSG RIH out ouf derrick W/ 64 JNTS, laying down 4 of them RU power swivel, on JNT 159 (5580'), break circulation, have to work over fish top @ 5587, swivel down 9 JNTS without any problems, tagging up @ 5886' very slow drilling down to 5998, (20' short of PBTD) , TBG kept plugging off, reverse circulate each time to clear out. Sand in returns. Roll hole clean w/ 100 bbl. water RD power swivel, POOH W/ 42 JNTS, EOT @ 4653', winterize equipment, SWIFN Crew Travel
Start Time 06:00	End Time 06:30	Comment Crew Travel
Start Time 06:30	End Time 07:00	Comment Crew safety meeting, discussed rig JSA
Start Time 07:00	End Time 08:30	Comment 200 psi on tubing, 40 psi on casing, Blow down casing and tubing, Tubing starting to kick gas and oil, Rig up pump, circulate 100 bbl. down TBG returning up CSG

NEWFIELD



Summary Rig Activity

Well Name: GMBU R-24-9-15

Start Time 08:30	End Time 09:30	Comment Run in hole w/ 64 joints 2-7/8" tubing. Lay down 4 of them.
Start Time 09:30	End Time 16:00	Comment Rig up power swivel on joint #159 (5580'), Break circulation, work over fish top @ 5587', Swivel down 9 joints without any problems, tagging up @ 5886' very slow drilling down to 5998, (20' short of PBTD) , Kept plugging off, reverse circulate each time to clear out. Sand in returns.
Start Time 16:00	End Time 16:30	Comment Circulate wellbore clean w/ 100 bbl. water.
Start Time 16:30	End Time 17:30	Comment Rig down power swivel, Pull out of hole w/ 42 jnts, EOT @ 4653' Drain pump and Winterize equipment, SWIFN
Start Time 17:30	End Time 18:00	Comment Crew Travel